

ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Diagnostic Imaging Clinical Practice 1				
Module Code	UZYSXK-30-1	Level	1	Version	2
Owning Faculty	Health and Applied Sciences	Field	Allied Health Professions		
Contributes towards	BSc(Hons) Diagnostic Radiography				
UWE Credit Rating	30 credits	ECTS Credit Rating	15	Module Type	Professional Practice
Pre-requisites	None		Co- requisites	None	
Excluded Combinations	UZY-S6J-20-1 UZY-RSH-60-1	Module Entry requirements	N/A		
Valid From	September 2015 Sept 2019 (v2)	Valid to	September 2021		

CAP Approval Date	30 April 2015
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Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> • Perform radiographic examinations commensurate with the first clinical placement in a safe and efficient manner with consideration to the use of ionising radiation. (Component A) • Perform effective patient care with due respect for the individual's needs (Component A) • Demonstrate clinical proficiency equitable to the clinical objectives and clinical assessments under the directions of a state registered practitioner. (Component A) • Demonstrate a proactive approach to problem solving in the clinical setting (component A) • Demonstrate the ability to work independently under supervision within a legal and ethical framework (component A) • Reflect upon personal and professional development within clinical practice. (component B)
Syllabus Outline	<p><u>Practical application of Professional Skills</u></p> <ul style="list-style-type: none"> • Radiographic technique and protocols including the qualitative assessment of the resulting radiographic appearances for: • Axial and appendicular skeleton; • Thoracic and abdominal cavities; • Respiratory and cardiovascular systems; • Patient preparation and care prior to, during and after specific imaging procedures; • Management of electronic and non-electronic patient data

	<p style="text-align: center;"><u>Radiation Protection</u></p> <ul style="list-style-type: none"> • Practical methods of dose measurements, dose reduction and the radiation dose received from specific examinations. • Applied radiation protection to incorporate; Core knowledge, Schemes of work and local rules. • Health & Safety at Work Act (1974), to include current legislation and professional codes of conduct, basic life skills and manual handling. <p style="text-align: center;"><u>Practical application of Radiographic Imaging processes</u></p> <ul style="list-style-type: none"> • The imaging process and methods of producing, manipulation and viewing images in analogue and digital formats. • Storage and transferral of images. <p style="text-align: center;"><u>Departmental routine</u></p> <ul style="list-style-type: none"> • Overview of the main areas in a diagnostic department. • Clinical placement practice in General radiography, Accident and Emergency, Fluoroscopy, • Experiential learning of the process for the management and care of patients in a radiography department • Imaging of a diverse patient group with a range of non-complex needs <p>The values of the NHS Constitution are implicit within this module.</p>
Contact Hours	<ul style="list-style-type: none"> • Prior to placement there is the delivery of clinical documentation (including Professional code of conduct) and clinical skills sessions (e.g. Basic Life Support and Manual Handling). Whilst on placement there are support visits by a link liaison lecturer. • Whilst on clinical placement students will engage in a 14 week period at a designated Diagnostic Imaging department within the AGW region of AQP. This will include one half day study per week (excluding bank holiday weeks). The total working week will be equivalent to 37.5 hours. This is approximately 472.5 hours (excluding seasonal variations that occur due to the timing of Easter). • Students are provided with opportunities to develop and demonstrate clinical and technical skills in simulation, prior to applying them in practice placement. • Students work under direct clinical supervision and will be provided with support from practice educators and clinical staff throughout their clinical placement. Regular support meetings are held throughout placement with the practice educators. <p>Students are expected to attend a desirable minimum of 90% of clinical practice time and an absolute minimum of 80% of clinical practice time as stipulated by The Society and College of Radiographers in order to meet professional requirements satisfactorily. https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management (members only access)</p>

Teaching and Learning Methods **Placement learning:** a practice placement encompassing the general areas of practice (please see placement documentation) consisting of approximately 472.5 (allowing for seasonal variation of bank holidays especially around Easter). The clinical competencies are assessed by Practice Educators.

Key Information Sets Information Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data				
<i>Number of credits for this module</i>				30
Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
540	15	52.5	472.5	540

Please note that the placement hours may vary due to Bank Holidays.

The table below indicates as a percentage the total assessment of the module which constitutes a -

Practical Exam: practical skills assessment
Written- reflective diary

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	0%
Coursework assessment percentage	50%
Practical exam assessment percentage	50%
	100%

Reading Strategy

Core reading

Any core reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a study pack or be referred to texts that are available electronically, or in the Library. Module guides will also reflect the range of reading to be carried out.

Further reading

Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module guide and revised annually.

	<p>Access and skills</p> <p>Formal opportunities for students to develop their library and information skills are provided within the induction period. Additional support is available through the Library Services web pages, including interactive tutorials on finding books and journals, evaluating information and referencing. Sign-up workshops are also offered by the Library.</p>
Indicative Reading List	<p>The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. Current advice on additional reading will be available via the module guide or Blackboard pages.</p> <p>Carver, B. (2012) Medical Imaging: Techniques, Reflection and Evaluation. 2nd ed. London: Churchill Livingstone</p> <p>Easton, S. (2008) An Introduction to Radiography. London: Churchill Livingstone.</p> <p>Ellis, H., Logan, B. and Dixon, A. (2009) Human Sectional Anatomy: Pocket Atlas of Body Sections, CT and MRI Images. 3rd edition. Florida: CRC Press</p> <p>Gunn, C. (2012) Bones and Joints – A guide for students. 6th ed. London: Churchill Livingstone.</p> <p>Sloane, C. and Stewart Whitley. A., Anderson, C., and Holmes, K. (2010) Clark's Pocket Handbook for Radiographers. Florida: CRC Press</p> <p>Stewart Whitley A (2005) Clark's Positioning Radiography 12th ed. Florida: CRC Press</p> <p>Sutherland, R. (2007) Pocketbook of Radiographic Positioning 3rd ed. London: Churchill Livingstone</p>

Part 3: Assessment	
Assessment Strategy	<p>Pass/fail clinical competency portfolio- assesses the competencies according to the SCoR and HCPC guidelines</p> <p>Component A: To consist of a portfolio of competencies</p> <p>Component B:- Reflective diary of practice</p> <p>Rationale: An opportunity for the student to demonstrate clinical competence through formative and summative assessment. The portfolio is assessed in practice and marked as pass / fail as students need to meet a minimum requirement to practice safely at this level.</p> <p>The academic team will oversee and moderate the marking of the portfolio. There is opportunity for students to demonstrate progression of competencies through continuous assessment (where appropriate) and receive formative feedback throughout the placement. The clinical competencies will form the e-portfolio.</p> <p>A reflective weekly diary will be assessed and used to feedback and feedforward on the personal and professional SWOBs (Strengths, Weaknesses, Opportunities and Barriers). This is in preparation for level 2 when they will be presenting their progress.</p>

Identify final assessment component and element	Component B Element 2
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% weighting between components A and B (Standard modules only)	A:	B:
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. Clinical competency portfolio	Pass/Fail	
Component B Description of each element	Element weighting	
1. Reflective diary of practice	100%	

Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1.Pass/ fail clinical competency portfolio	Pass/Fail	
Component B Description of each element	Element weighting	
1. Reflective diary of practice	100%	
If a student is permitted an EXCEPTIONAL RETAKE of the module the assessment will be that indicated by the Module Description at the time that retake commences.		