



Module Specification

Diagnostic Radiography Professional Practice 3

Version: 2023-24, v1.0, 27 Aug 2021

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Part 1: Information

Module title: Diagnostic Radiography Professional Practice 3

Module code: UZYKGX-30-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module is the final clinical placement and covers the band 5 clinical competencies required for registration (please see placement documentation).

Features: Not applicable

Educational aims: Students will typically engage in a 14-week placement (as identified in the practice placement documentation) which will contribute to the minimum overall required practice hours of 1290 across the programme.

The values of the NHS Constitution are implicit within this module.

Outline syllabus: During this module the following aspects will typically be covered:

Practical application of Professional Skills

Adapted Radiographic technique and protocols including the imaging and qualitative assessment of the resulting radiographic appearances for complex and non-complex patients procedures.

Patient preparation and care prior to, during and after specific imaging procedures;

The management and leadership of sessions/ individual complex cases of patient examinations in a variety of environments e.g. accident and emergency, Computed Tomography (CT) and theatre sessions.

Professional behaviour and Radiation Protection

The physiological effects of exposure to Ionising Radiation and the correct use and manipulation of radiation exposures and associated radiation science in order to produce high quality images, whilst maintaining the lowest practicable radiation dose.

Clinical governance including all statutory and local policies, procedures and protocols, e.g. safeguarding, duty of candour, Health and Safety, infection prevention and safe patient moving and handling techniques.

Ionising Radiation (Medical Exposures) Regulations and Ionising Radiation Regulations. Knowledge of Local Rules, local and national Diagnostic Reference Levels (DRLs) including appropriate associated Personal Protective Equipment (PPE), and pregnancy status.

Health and Care Professions Council (HCPC) Standards of Proficiency and Society

and College of Radiographers (SCoR) Code of Conduct and professional scope of practice.

Practical application of Radiographic Imaging processes

The imaging process and methods of producing, manipulation and viewing images in analogue and digital formats.

Storage and transferral of images.

Management of electronic and non-electronic patient data

Departmental routine

Clinical placement practice in general radiography, Accident and Emergency, fluoroscopy, interventional suite, theatre and mobiles, imaging modalities.

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 complex needs using a range of imaging modalities.

Part 3: Teaching and learning methods

Teaching and learning methods: See Educational Aims

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Lead complex radiographic examination procedures using adaptive techniques and team working in a safe and efficient manner.

MO2 Perform effective patient care with due respect for the individual's specific needs for a range of examinations.

MO3 Demonstrate the ability to work independently and manage patient examination sessions within a supervised legal and ethical framework.

MO4 Demonstrate a proactive approach to problem solving, leadership and adaptation of technique in the clinical setting.

MO5 Critically evaluate a self-audit cycle and identify how this relates to service improvement.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 68 hours

Placement = 487 hours

Face-to-face learning = 36 hours

Total = 591

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/6F5276FC-29AB-DE7E-1CC9-27646BBC3186.html) via the following link <https://rl.talis.com/3/uwe/lists/6F5276FC-29AB-DE7E-1CC9-27646BBC3186.html>

Part 4: Assessment

Assessment strategy: Component A: Clinical competency e-portfolio

E-portfolio of clinical competencies as identified in the practice assessment document. A minimum of 420 hours must be achieved in order to pass the placement

Rationale: An opportunity for the student to demonstrate clinical competence through formative and summative assessment according to the SCoR and HCPC guidelines. The portfolio also includes a weekly reflective section where students can reflect on clinical staff comments on their practice and use these to form SMART goals for their practice. The e-portfolio is assessed in practice and marked as pass / fail as students need to meet a minimum requirement to practice safely at this level. There

is opportunity for students to demonstrate progression of competencies (where appropriate) and receive formative feedback throughout the placement and reflect on supervisor comments.

Component B: 3000 word report of a self-audit.

Rationale: Students will be required to submit an evidence based written report of a self-audit they will have carried out whilst on professional practice placement. This report will require students to critically reflect on their own practice (including in relation to the relevant professional competencies) and how implementing improvements can lead to improved service delivery and patient care.

Formative Assessment

Examples of data collection and self-audit methods will be available to work through prior to and during practice.

Assessment tasks:

Portfolio - Component A (First Sit)

Description: Clinical competency e-portfolio

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Report - Component B (First Sit)

Description: 3000 word report of a self-audit

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO4, MO5

Portfolio - Component A (Resit)

Description: Clinical competency e-portfolio

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Report - Component B (Resit)

Description: 3000 word report of a self-audit

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Diagnostic Radiography [Sep] [FT] [Glenside] [3yrs] BSc (Hons) 2021-22