



Module Specification

Radiographic Imaging Practice 1

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Part 1: Information

Module title: Radiographic Imaging Practice 1

Module code: UZYYDR-30-1

Level: Level 4

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 an introduction to Clinical Placement learning: a clinical placement encompassing the general areas of practice

Features: Not applicable

Educational aims: This module is an introduction to Clinical Placement learning: a clinical placement encompassing the general areas of practice

Outline syllabus: Practical application of Professional Skills

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;

Imaging of a diverse patient group with a range of non-complex needs.

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 Standards of Proficiency and Society and College of Radiographers Code of Conduct and professional scope of practice.

Practical application of Radiographic Imaging processes

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

Storage and transferral of images.

Management of electronic and non-electronic patient data

Departmental routine

Overview of the main areas in a diagnostic department.

Clinical placement practice in General radiography, Accident and Emergency, Fluoroscopy, and modalities.

Experiential learning of the process for the management and care of patients in a radiography department

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

Prior to placement there is the delivery of clinical documentation (including Professional code of conduct) . Whilst on placement there are support visits by a link liaison lecturer.

Whilst in clinical placement practice 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 1430 across the programme.

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.

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 Perform radiographic examinations commensurate with the first clinical placement, in a safe and efficient manner with appropriate consideration to the use of ionising radiation

MO2 Perform effective patient care with due respect for the individual's needs

MO3 Demonstrate clinical proficiency equitable to the clinical objectives and clinical assessments under the directions of a state registered practitioner

MO4 Demonstrate a proactive approach to problem solving in the clinical setting

MO5 Demonstrate the ability to work independently under supervision within a legal and ethical framework

MO6 Reflect upon personal and professional development within clinical practice

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 114 hours

Placement = 525 hours

Face-to-face learning = 18 hours

Total = 657

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/FA845AEC-585A-747B-AF5D-A804E9105D66.html) via the following link

<https://rl.talis.com/3/uwe/lists/FA845AEC-585A-747B-AF5D-A804E9105D66.html>

Part 4: Assessment

Assessment strategy: This module has two assessment tasks; a clinical competency e-portfolio and a reflective case study.

Clinical Competency E-portfolio; to consist of an e-portfolio of clinical competencies as identified in the practice assessment document.

A minimum of 475 hours of placement hours must be attended in order for you to be summatively assessed; if this minimum is not achieved you will be recorded as a non-submission.

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.

Reflective case study - 2000 words

Rationale: The reflective case study will enable the student to demonstrate how their theoretical knowledge is applied to a case study/patient pathway e.g. radiation protection, patient condition and communication.

Formative Assessment

The formative assessments will include mock competency assessments, simulated patient technique workbooks and students will have opportunities to receive formative feedback throughout the placement.

Assessment tasks:

Portfolio (First Sit)

Description: Clinical Competency E-portfolio [Pass/Fail]

Weighting: 0 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Written Assignment (First Sit)

Description: 2000 word reflective case study

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO4, MO6

Portfolio (Resit)

Description: Clinical Competency E-portfolio [Pass/Fail]

Weighting: 0 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Written Assignment (Resit)

Description: 2000 word reflective case study

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO4, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Diagnostic Radiography {Apprenticeship-UWE} [Glenside] BSc (Hons) 2023-24