Module Specification

Diagnostic Radiography Professional Practice 1

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Contents

Part 1: Information

Module title: Diagnostic Radiography Professional Practice 1

Module code: UZYKGQ-30-1

Level: Level 4

For implementation from: 2021-22

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Allied Health Professions

Partner institutions: None

Delivery locations: Glenside Campus

Field: Allied Health Professions

Module type: Professional Practice

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

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,

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

Part 3: Teaching and learning methods

Teaching and learning methods: 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 Radiography 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 525 hours in total (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.

Module 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 via the following link https://rl.talis.com/3/uwe/lists/FA845AEC-585A-747B-AF5D-A804E9105D66.html

Part 4: Assessment

Assessment strategy: Component A: Clinical Competency E-portfolio

To consist of an e-portfolio of clinical competencies as identified in the practice assessment document. A minimum of 475hrs must be completed in order to pass.

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: 2000 word reflective case study

Rationale: The reflective case study will enable the student to demonstrate how their theoretical knowledge learned prior to placement 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 components:

Portfolio - Component A (First Sit)
Description: To consist of an e-portfolio of clinical competencies as identified in the practice assessment document.

A minimum of 420 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.
Weighting:
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Written Assignment - Component B (First Sit)
Description: 2000 word reflective case study
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO4, MO6

Portfolio - Component A (Resit)
Description: Clinical competency e-portfolio
Weighting:
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Written Assignment - Component B (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 [Sep] [FT] [Glenside] [3yrs] BSc (Hons) 2021-22