Module Descriptor

Title	Oral Imaging Supported by Radiography		
Session	2025/26	**Status**	Published
Code	NURS07055	**SCQF Level**	7
Credit Points	20	**ECTS (European Credit Transfer Scheme)**	10
School	**Health and Life Sciences**		
Module Co-ordinator	Pamela Young		

Summary of Module

This module will support the student dental nurse to explore contemporary guidance, policies and procedures associated with the use of ionizing radiation in primary dental care. The student will be required to have knowledge and understanding of relevant regulations and guidance notes for General Dental Practitioners on the safe use of X- ray equipment. It describes the knowledge, skills, and expertise that the student should have to practice safely and effectively in the best interests of others. This module focuses on quality assurance and the health and safety requirements associated with ionizing radiation and the role of the dental nurse.

Module Delivery Method	**On-Campus[1]** ☐	**Hybrid[2]** ☒	**Online[3]** ☐	**Work -Based Learning[4]** ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☐ Lanarkshire ☐ London ☐ Paisley	☐ Online / Distance Learning ☒ Other (specify) New College Lanarkshire	

Terms for Module Delivery	Term 1	☒	Term 2	☐	Term 3	☐

[1] Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

[2] The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

[3] Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

[4] Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Long-thin Delivery over more than one Term	Term 1 – Term 2	☐	Term 2 – Term 3	☐	Term 3 – Term 1	☐

Learning Outcomes	
L1	Relate legislative and guidance requirements associated with ionising radiation in primary dental care.
L2	Examine how dental images are created using ionising radiation.
L3	Identify the patient, equipment, films and materials for intra and extra-oral radiography.
L4	Compare and contrast a range of processed intra and extra oral films to improve practice.
L5	Appraise the methods to maintain x-ray generating equipment used to produce intra and extra-oral radiographs.

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	**During completion of this module, there will be an opportunity to achieve core skills in:**
Knowledge and Understanding (K and U)	**SCQF 7** An overall appreciation of the body of knowledge relating to contemporary guidance, policies and procedures associated with the use of ionizing radiation in primary dental care.
Practice: Applied Knowledge and Understanding	**SCQF 7** Apply knowledge, skills and understanding in practical contexts to prepare the patient, equipment and materials for intra and extra-oral radiography.
Generic Cognitive skills	**SCQF 7** Use a range of approaches to address processed film faults.
Communication, ICT and Numeracy Skills	**SCQF 7** Use a range of forms of communication to prepare the patient for intra and extra-oral radiography.
Autonomy, Accountability and Working with Others	**SCQF 7** Exercise some initiative and independence in maintaining x-ray generating equipment.

Prerequisites	**Module Code**	**Module Title**
	Other	
Co-requisites	**Module Code**	**Module Title**

Learning and Teaching
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours. A variety of learning and teaching strategies will be utilised including lectures, workshops, tutorials, enquiry based learning and simulated practice. Support and guidance will be available from the module team. Additional support including reasonable adjustments for

teaching and learning can be individualised for those students with enabling support needs. The learning and teaching strategies on this module contribute to the development of UWS graduate attributes as outlined in "I am UWS" see link:

https://www.uws.ac.uk/current-students/your-graduate-attributes/

Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	12
Tutorial / Synchronous Support Activity	12
Laboratory / Practical Demonstration / Workshop	24
Independent Study	152
n/a	
n/a	
TOTAL	200

Indicative Resources

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

Department of Health and Social Care (2017) Guidance to the Ionising Radiations Regulations 7 (Medical Exposure) Regulations 2017: guidance. Available at:

https://www.gov.uk/government/publications/ionising-radiation-medical- exposure-regulations-2017-guidance (Accessed 7 June 24)

Public Health England (2020) Guidance Notes for Dental Practitioners on the Safe Use of X-ray Equipment . Available at: https://www.rqia.org.uk/RQIA/files/44/449bdd1c-ccb0-4322-b0df- 616a0de88fe4.pdf (Accessed 7 June 24)

(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the Student Attendance and Engagement Procedure, Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

Where a module has Professional, Statutory or Regulatory Body requirements these will be listed here: The University is committed to providing a supportive learning environment that actively facilitates student success. In this module, there is a high degree of student-led flexibility. You are academically engaged if you are regularly engaged with scheduled live sessions on-campus and online, including engaging with online learning activities in your own time, course-related learning resources, and with timely completion and submission of assessments.

Whilst we understand that there may be times when conflicting priorities make participation challenging, for you to gain the most from this module it is recommended that you participate in all scheduled live classes and complete your self-directed learning activities in a timely manner. It may be difficult to pass the assessment associated with this module if you are not regularly engaging with the module work and live classes. We may reach out to check how things are going and offer support if we observe that you have not been attending sessions or completing online activities.

Equality and Diversity
The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code. This module is appropriate for all students. To promote inclusive practice, procedures and processes have been subject to Equality Impact Assessment where appropriate. In line with the Equality Act 2010 and UWS Refreshed Equality Outcomes 2021-2025 Public Sector Equality Duty Mainstreaming and Equality Outcomes Report 2021 (uws.ac.uk) (pp. 37-39) the School of Health and Life Sciences encourages the disclosure of support requirements, including disability, at the recruitment stage and throughout the duration of the module. Emphasis is placed on confidentiality of information, the benefits of disclosure and that no detriment to progress will be experienced. The School will endeavour to make reasonable adjustments to teaching and learning approaches and arrangements for assessment, and (when applicable) periods of placement, where a student has disclosed specific requirements.
(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	**Adult Nursing Community Health**
Overall Assessment Results	☐ **Pass / Fail** ☒ **Graded**
Module Eligible for Compensation	☐ **Yes** ☒ **No** **If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.**
School Assessment Board	Community and Health
Moderator	Lynn McCaffer
External Examiner	V Hewson
Accreditation Details	
Module Appears in CPD catalogue	☐ **Yes** ☒ **No**
Changes / Version Number	2

Assessment (also refer to Assessment Outcomes Grids below)
Assessment 1
Oral Presentation
Assessment 2

Assessment 3
(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Presentation	☒	☒	☒	☒	☒	100	0

Component 2							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
	☐	☐	☐	☐	☐		

Component 3							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
	☐	☐	☐	☐	☐		
Combined total for all components						100%	0 hours

Change Control

What	**When**	**Who**
Co-ordinator	24/04/2025	J Orr
Moderator	24/04/2025	J Orr
External Examiner	24/04/2025	J Orr
Assessment change - online test to oral presentation	24/04/2025	J Orr