



ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Radiotherapy Professional Practice 1				
Module Code	UZYSYG-30-1	Level	1	Version	1
Owning Faculty	Faculty of Health and Applied Sciences	Field	Allied Health Professions		
Contributes towards	BSc (Hons) Radiotherapy and Oncology				
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Professional Practice
Pre-requisites	None		Co- requisites	None	
Excluded Combinations	None		Module Entry requirements	N/A	
Valid From	September 2015		Valid to	September 2021	

<b>CAP Approval Date</b>	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"> <li>• Demonstrate an understanding of current radiation protection regulations and site protocols regarding cross-infection, manual handling, general health and safety and basic life support (Component A, Component B)</li> <li>• Apply the principles of oncology and radiotherapy practice to deliver external beam radiotherapy in a range of anatomical sites safely and accurately (Component A, Component B)</li> <li>• Perform absorbed dose calculations for a range of simple treatment techniques in accordance with department protocols (Component B)</li> <li>• Demonstrate personal responsibility by adhering to the relevant Professional Code of Conduct and Ethics and Standards of Proficiency (Component A)</li> <li>• Begin to develop effective communication skills in the radiotherapy setting (Component A, Component B)</li> <li>• Observe routine assessments of service users' health and wellbeing including side effect management during their course of treatment (Component A, Component B).</li> <li>• Identify examples of evidenced based practice and begin to develop a portfolio of learning (Component B).</li> </ul>
Syllabus Outline	<ul style="list-style-type: none"> <li>• Treatment intent in relation to Radiotherapy Practice</li> <li>• Radiotherapy treatment models and applications</li> <li>• Multimodality approaches to cancer treatment</li> <li>• Pre-treatment work up</li> <li>• Radiobiology</li> </ul>

	<ul style="list-style-type: none"> <li>• The radiotherapy radiographer and interprofessional working</li> <li>• Communication skills</li> <li>• Professional and personal development</li> <li>• Patient care</li> <li>• Radiation protection</li> <li>• Health and Safety in the workplace</li> <li>• Code of Conduct and Ethics</li> </ul> <p>The values of the NHS Constitution are implicit within this module.</p>
Contact Hours	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Students will engage in a 14 week clinical practice placement at a designated Radiotherapy department within the Southwest region. This will include one half days 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).</li> <li>• Students are provided with opportunities to develop and demonstrate clinical skills in simulation, prior to applying them in practice placement.</li> <li>• 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.</li> </ul> <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. <a href="https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management">https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management</a> (members only access).</p>
Teaching and Learning Methods	<ul style="list-style-type: none"> <li>• <b>Scheduled learning</b> may include tutorials, work based learning, VERT, planning computers</li> <li>• <b>Independent learning</b> includes hours engaged with essential reading, revision and maintaining a portfolio</li> <li>• <b>Placement learning:</b> includes placement within the Radiotherapy department.</li> </ul>
Key Information Sets Information	<p>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.</p>

**Key Information Set - Module data**

Number of credits for this module

30

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
300	15	52.5	472.5	540



NB: Please note that the placement hours may vary due to Bank Holidays. Half day study will not occur in the weeks with bank holidays.

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

**Coursework:**, portfolio

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 readings**

Any essential 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 readings**

All students are encouraged to read widely using the library catalogue, and Internet resources. Many resources can be accessed remotely. Guidance to some key authors and journal titles available through the Library will be given in the Module Guide and updated annually.

**Access and skills**

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.

Indicative Reading List

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. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms.

Bicquart Ord, C., Hansen, E.K. and Thomas, C.R. (2013) *Radiation oncology study guide*. [online] New York: Springer, [Accessed 13 November 2014].

Hoskin, P.J. (2012), *Radiotherapy in practice: external beam therapy*. 2<sup>nd</sup> ed. [online] Oxford: Oxford University Press. [Accessed 13 November 2014].

Sibtain, A., Morgan, A. and MacDougall, N. (2012) *Radiotherapy in practice: physics for clinical oncology*. [online] Oxford: Oxford University Press..[Accessed 13 November 2014].

Symonds, P., Deehan, C., Meredith, M., and Mills, J. (2012) *Walter and Miller's Textbook of Radiotherapy* [online] London: Churchill Livingstone. [Accessed 15 September 2014]

### Part 3: Assessment

Assessment Strategy	<p><b>Component A:</b></p> <p>To consist of a portfolio of prescribed competencies (pass/fail) as identified in a practice assessment document.</p> <p><b>Rationale:</b> 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. The academic team will oversee and moderate the marking of the portfolio. There is opportunity for students to demonstrate progression of competencies (where appropriate) and receive formative feedback throughout the placement.</p> <p><b>Component B:</b></p> <p>A series of case studies pertinent to the student's clinical learning for this level.</p> <p><b>Rationale:</b> to enable students to demonstrate in depth knowledge of radiotherapy practice and evaluate key areas of their clinical learning to allow for grading of students clinical work.</p>
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Identify final assessment component and element	<b>Component A</b>	
% weighting between components A and B (Standard modules only)	<b>A:</b>	<b>B:</b>
<b>First Sit</b>		
<b>Component A (controlled conditions)</b> <b>Description of each element</b>	<b>Element weighting</b>	
1.Clinical Portfolio	Pass/fail	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1. Case study portfolio	100%	

<b>Resit (further attendance at taught classes is not required)</b>		
<b>Component A (controlled conditions)</b> <b>Description of each element</b>	<b>Element weighting</b>	
1 Clinical Portfolio	Pass/fail	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1. Case study portfolio	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.