

MODULE SPECIFICATION

Part 1: Basic data					
Module title	Surgical and Anaesthesia Practice for Veterinary Nurses				
Module code	UINXQ7-15-2	Level	2	Version	1.3
UWE credit rating	15	ECTS credit rating	7.5	WBL module	No
Owning faculty	Hartpury	Field	Animal and Land Science		
Department	Animal and Land	Module type	Standard		
Contributes towards	BSc (Hons) Veterinary Nursing Science (SW) FdSc Veterinary Nursing Science (SW) FdSc Equine Veterinary Nursing Science (SW)				
Pre-requisites	Anatomy for Veterinary Nurses (UINXNP-30-1); OR Patient Care 1 for Veterinary Nurses (UINXPY-30-1); OR Anatomy & Physiology (UINXGB-20-1); OR Introduction to Veterinary Nursing Care (UINXMN-30-1)	Co-requisites	None		
Excluded combinations	None	Module entry requirements	None		
First CAP Approval Date	11 June 2013	Valid from	01 September 2014		
Revision CAP Approval Date	v1.1-29 May 2014 v1.2- 07 April 2016 v1.3- 23 February 2017	Revised with effect from	01 January 2017		

Review Date	01 September 2019
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Part 2: Learning and teaching	
Learning outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> 1 Evaluate the preparation, maintenance and use of equipment and the environment for veterinary surgical procedures. (A) 2 Analyse methods of creating and maintaining a surgical theatre environment that is suitable and safe for aseptic procedures. (A) 3 Evaluate the techniques used throughout the pre, peri and post-operative phase for both the patient and the theatre environment for a range of surgical procedures. (A) 4 Demonstrate an understanding of anaesthesia and apply these to clinical cases. (A) 5 Demonstrate knowledge and understanding of the care and maintenance of surgical instruments including their identification and application. (A) 6 Identify and evaluate the use of common surgical instruments. (A) 7 Analyse the procedures required in surgical and anaesthetic emergency situations. (A)

	8	Review the practical skills applicable to veterinary theatre practice, patient care, general theatre assistant, scrubbed nurse, theatre dress and conduct. (A)
Syllabus outline	1 Principles of operating theatre design and use, conduct and appearance in an operating theatre. 2 Use of operating theatre equipment and furniture. 3 Principles of instrument care and sterilisation. 4 Operating theatre assistant and circulating nurse duties. 5 Management of instruments and materials for surgical procedures. 6 Principles of patient care during surgery. 7 Principles of anaesthesia. 8 Function of anaesthetic drugs. 9 Function of anaesthetic equipment. 10 Anaesthesia preparation and induction. 11 Principles of monitoring anaesthesia. 12 Anaesthetic emergencies.	RCVS Day One Skills for Veterinary Nurses 9.1 – 10.6 (for intake 16/17 onwards) RCVS Day One Competences; 26, 27, 28, 29, 30, 31 All of the above topics will be considered in line with the current LANTRA Veterinary Nursing Occupational Standards (NOS); RVN21-28 The module is also referenced to the following RCVS day one practical skills for veterinary nurses; VN11, SAVN13, 15, and EQVN21
Contact hours	Indicative delivery modes:	
	Lectures, guided learning, seminars etc	48
	Self directed study	3
	Independent learning	99
	TOTAL	150
Teaching and learning methods	This module is delivered using large group learning sessions and opportunities for small group work. Additionally essential and recommended reading exercises will be introduced to guide the students through the core syllabus. Scheduled learning May include lectures, seminars, tutorials, demonstration, practical classes and workshops; external visits. Independent learning May include hours engaged with essential reading, examination preparation etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make. Virtual learning environment (VLE) This module is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.	
Key information sets information	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. <u>Key information set – module data</u> Number of credits for this module	
		15

	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated hours								
	150	51	99	0	150								
	<p>The table below indicates as a percentage the total assessment of the module which constitutes a:</p> <p>1 <i>Written exam:</i> Unseen written exam, open book written exam, in-class test. 2 <i>Coursework:</i> Written assignment or essay, report, dissertation, portfolio, project. 3 <i>Practical exam:</i> Oral assessment and/or presentation, practical skills assessment, practical exam.</p>												
	<p>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:</p> <p>Total assessment of the module:</p> <table border="1" data-bbox="391 795 1069 936"> <tr> <td data-bbox="391 795 933 833">Written exam assessment percentage</td> <td data-bbox="933 795 1069 833">100%</td> </tr> <tr> <td data-bbox="391 833 933 871">Coursework assessment percentage</td> <td data-bbox="933 833 1069 871">0%</td> </tr> <tr> <td data-bbox="391 871 933 909">Practical exam assessment percentage</td> <td data-bbox="933 871 1069 909">0%</td> </tr> <tr> <td data-bbox="391 909 933 943"></td> <td data-bbox="933 909 1069 943">100%</td> </tr> </table>					Written exam assessment percentage	100%	Coursework assessment percentage	0%	Practical exam assessment percentage	0%		100%
Written exam assessment percentage	100%												
Coursework assessment percentage	0%												
Practical exam assessment percentage	0%												
	100%												
Reading strategy	<p>Essential reading 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.</p> <p>Further reading Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module handbook and revised annually.</p> <p>Access and skills Formal opportunities for students to develop their library and information skills are provided within the induction period and student skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops are also offered.</p>												

Indicative reading list	<p>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, including the module guide.</p> <p>Aspinall, V., ed. (Current Edition) <i>The Complete Text Book Of Veterinary Nursing</i>. Edinburgh: Butterworth Heinemann.</p> <p>Aver, J. (Current Edition) <i>Equine Surgery</i>. Philadelphia, USA: Elsevier Saunders.</p> <p>Bellows, J. (Current Edition) <i>The practice of veterinary dentistry</i>. Iowa, USA: Iowa State University Press.</p> <p>Bryant, S., ed. (Current Edition) <i>Anaesthesia for veterinary technicians</i>. Iowa, USA: Wiley-Blackwell.</p> <p>Cooper, B., Mullineaux, E. and Turner, L., ed. (Current Edition) <i>BSAVA Textbook of Veterinary Nursing</i>. Gloucester: BSAVA.</p> <p>Corley, K. and Stephen, J., eds. (Current Edition) <i>The Equine Hospital Manual</i>. Oxford: Blackwell publishing.</p> <p>Coumbe, K., ed. (Current Edition) <i>Equine Veterinary nursing manual</i>. Oxford: Blackwell science ltd.</p> <p>Denny, H.R. and Butterworth, S.J. (Current Edition) <i>Guide to canine and feline orthopaedic surgery</i>. Oxford: Blackwell Science.</p> <p>Dugdale, A. (Current Edition) <i>Veterinary anaesthesia</i>. Oxford: Wiley-Blackwell.</p> <p>Fowler, D. and Williams, J.M., eds. (Current Edition) <i>Manual of canine and feline wound management and reconstruction</i>. Gloucester: BSAVA.</p> <p>King, L. and Hammond, R., eds. (Current Edition) <i>Manual of canine and feline emergency and critical care</i>. Gloucester: BSAVA.</p> <p>McCurnin, D.M. and Bassert, J.M. (Current Edition) <i>Clinical textbook for veterinary technicians</i>. Philadelphia: W.B. Saunders.</p> <p>Morris, J. and Dobson, J. (Current Edition) <i>Small animal oncology</i>. Oxford: Blackwell Science.</p> <p>Muir, W. and Hubbell, J., eds (Current Edition) <i>Equine Anaesthesia: Monitoring and Emergency Therapy</i>. St. Louis, Mo: Saunders Elsevier.</p> <p>Munroe, G. and Weese, J., eds (Current Edition) <i>Equine Clinical Medicine, Surgery and Reproduction</i>. London: Manson.</p> <p>Orpet, W. and Welsh, P. (Current Edition). <i>Handbook of Veterinary Nursing</i>. Chichester: Wiley-Blackwell.</p> <p>Petersen-Jones, S. and Crispin, S., eds. (Current Edition) <i>Manual of small animal ophthalmology</i>. Gloucester: BSAVA.</p> <p>Reeder, D., Miller, S., Wilfong, D, Leitch, M., and Zimmel, D., ed. (Current edition) <i>AAEVT's Equine manual for veterinary technicians</i>. Iowa, USA: Wiley-Blackwell</p> <p>Seymour, C. and Glead, R., eds. (Current Edition) <i>Manual of small animal anaesthesia and analgesia</i>. Gloucester: BSAVA.</p> <p>Taylor, P. (Current Edition) <i>Handbook of Equine Anaesthesia</i>. Edinburgh: Elsevier Saunders</p> <p>Thurmon, J.C., Tranquilli, W.J. and Benson, G.J., eds. (Current Edition) <i>Essentials of small animal anaesthesia and analgesia</i>. Philadelphia, USA: Lippincott, Williams and Wilkins.</p>
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Part 3: Assessment			
Assessment strategy	<p>The module will be assessed using a written examination to demonstrate the students' knowledge and understanding of carrying out surgical nursing to practice standards and in accordance with health and safety procedures. Students will already have gained practical competence in surgical and anaesthesia practice and this theory module and examination will allow an exploration of a theoretical nature at a higher level.</p> <p>Formative feedback will be provided to students' and their progress will be monitored throughout the module delivery including assessment of interaction in group work and presentations and formal feedback on the examination.</p> <p>In line with the College's commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.</p>		
Identify final assessment component and element	Written examination.		
% weighting between components A and B (Standard modules only)		A:	B:
		100%	0%
First Sit			
Component A (controlled conditions)		Element weighting	
Description of each element			
1	Written examination (2 hours)	100%	
Resit (further attendance at taught classes is not required)			
Component A (controlled conditions)		Element weighting	
Description of each element			
1	Written examination (2 hours)	100%	
If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.			