




Module Specification

Part 1: Basic Data					
Module Title	Surgical and Anaesthesia Practice for Veterinary Nurses				
Module Code	UINXQ7-15-2	Level	2	Version	2.0
Credit Rating	15	ECTS Credit Rating	7.5	Includes WBL?	No
Teaching Institution	Hartpury	Department	Animal and Land Science	Module Type	Standard
Contributes towards	BSc (Hons) Veterinary Nursing Science (SW) FdSc Equine / Veterinary Nursing Science (SW)				
PSRB involved	The Royal College of Veterinary Surgeons	Module Entry requirements	None		
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)	Excluded Combinations	None		
Most recent Validation Date	21 May 2019	Due for re-validation by:	01 September 2025		
Amendment Approval Date		Amended with effect from	01 September 2019		

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"> Evaluate the techniques used during the pre-, peri- and post-operative stages for a range of surgical procedures. (A) Summarise anaesthetic protocols including induction, monitoring, recovery and emergency procedures. (A) Analyse the use of surgical and anaesthetic equipment. (A)
Syllabus Outline	<ul style="list-style-type: none"> Common surgical procedures including the surgical procedures that may be performed by a veterinary nurse under Schedule 3 of the Veterinary Surgeons Act. Including preparation and use of equipment and recognition and care of surgical instruments Suture materials properties and suture patterns Prepare the environment, equipment and patient for aseptic surgery How to assist the veterinary surgeon as a scrubbed nurse and a circulating nurse The assessment of pain during the pre-, peri- and post-operative stages The use of veterinary medications for pre-medication, anaesthetic induction, maintenance of anaesthesia and peri-operative analgesia. Including the preparation equipment and materials for anaesthesia and assisting the veterinary surgeon in administering anaesthetic medications to patients. The support and monitoring patients require during surgical procedures including the use of anaesthetic monitoring equipment. First aid techniques that can be utilised for anaesthetic emergencies including Cardiopulmonary Resuscitation and Intermittent Positive

	<p>Pressure Ventilation.</p> <p>RCVS Day One Skills for Veterinary Nurses 9.1 – 10.6</p> <p>RCVS Day One Competences; 26, 27, 28, 29, 30</p>																																							
<p>Teaching and Learning Methods</p>	<p>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 syllabus.</p> <p>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.</p>																																							
<p>Unistats Information</p>	<p>The Office for Students (OfS) require Unistats information to be produced at programme level for all undergraduate programmes of more than one year in length. These 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> <table border="1" data-bbox="478 846 1386 1229"> <tr> <td colspan="5">Expected learning hours for the module:</td> <td></td> </tr> <tr> <td colspan="5"><i>Number of credits for this module</i></td> <td style="border: 2px solid black; text-align: center;">15</td> </tr> <tr> <td>Hours to be allocated</td> <td>Scheduled learning and teaching study hours</td> <td>Independent study hours</td> <td>Placement study hours</td> <td>Allocated Hours</td> <td></td> </tr> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">36</td> <td style="text-align: center;">114</td> <td style="text-align: center;">0</td> <td style="text-align: center;">150</td> <td style="text-align: center;"></td> </tr> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p>Written Exam: Unseen written exam, open book written exam, In-class test Coursework: Written assignment or essay, report, dissertation, portfolio, project Practical Exam: 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> <table border="1" data-bbox="596 1630 1272 1865"> <tr> <td colspan="2">Total assessment of the module:</td> <td></td> </tr> <tr> <td>Written exam assessment percentage</td> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td></td> <td style="text-align: center;">0%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td></td> <td style="text-align: center;">0%</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">100%</td> </tr> </table>	Expected learning hours for the module:						<i>Number of credits for this module</i>					15	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours		150	36	114	0	150		Total assessment of the module:			Written exam assessment percentage		100%	Coursework assessment percentage		0%	Practical exam assessment percentage		0%			100%
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<p>Reading Strategy</p>	<p>Essential reading Essential material will be indicated to the student via pre-course material, module guides and through their accessing a dedicated VLE programme presence. No requirement for the purchase of set text(s) will be made unless explicitly stated and</p>																																							

	<p>students will have full access to library services, online applications, and inter-library loans.</p> <p>Further reading Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read widely using the library catalogue, a variety of bibliographic and full text databases, and Internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature and wider professional sources.</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 the validators /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.</p> <p>Aspinall, V., ed. (Current Edition) <i>The Complete Textbook Of Veterinary Nursing</i>. Edinburgh: Butterworth Heinemann.</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>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>Muir, W. and Hubbell, J., eds (Current Edition) <i>Equine Anaesthesia: Monitoring and Emergency Therapy</i>. St. Louis, Mo: Saunders Elsevier.</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> <p><u>Journals</u> The Veterinary Nurse Veterinary Nursing Journal</p>

Part 3: Assessment	
Assessment Strategy	This module will be assessed according to the approved UWE Academic Regulations including any specific regulations detailed within the student's programme specification.

	<p>Students will already have gained practical competence in surgical and anesthesia practice during their clinical placement. This module focusses on building the students' theoretical knowledge of subject area 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>Alternative means of assessment are not available for this module.</p>
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Identify final assessment component and element	A1	
% weighting between components A and B (Standard modules only)	A:	B:
	100%	0%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. Written examination (2 hours)	100%	

Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1. Written examination (2 hours)	100%	
If a student is permitted a retake of the module under the Academic Regulations, the assessment will be that indicated by the Module Specification at the time that retake commences.		

