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Refer to guidance notes for completion of each section of the specification.

Module Code:	VEN503

Module Title:	Emergency, Critical Care and Specialised Nursing

Level:	5	Credit Value:	20

Cost Centre(s):	GAAN	JACS3 **code**: HECoS **code**:	D310 / 100532

Faculty	Social and Life Sciences	Module Leader:	TBC

Scheduled learning and teaching hours	30 hrs
Total contact hours	**30**hrs
Guided independent study	170 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
Foundation degree (FdSc) Veterinary Nursing	✓	☐

Pre-requisites
None

Office use only	
Initial approval: 05/11/2019	Version no: 1
With effect from: 28/09/2020	
Date and details of revision:	Version no:

Updated September 2019

Module Aims

The diverse nature of veterinary practices, offers veterinary nurses exciting opportunities in the field of emergency, critical care and specialised nursing. This module aims to develop the student's critical thinking process, knowledge and understanding, which is required for delivering a high level of nursing care for patients with complex needs.

This module builds on the knowledge and understanding that students have acquired and developed from other modules, as well as the experiences they have gained from being in a work-based learning placement.

** range of species in addition to cats and dogs holders of veterinary nursing degrees should be competent in providing nursing care to animals that are commonly kept as pets in the UK.
This will include rabbits, small mammals and appropriate species of reptiles and birds.
In addition to the above animals, a level of basic knowledge and competence in the husbandry and nursing care of horses, endemic UK wildlife and exotic species not commonly seen in the UK (QAA Subject benchmark statement, Veterinary Nursing, 2019).*

Module Learning Outcomes - at the end of this module, students will be able to

1	Evaluate the critical thinking process for the multidisciplinary team.
2	Assess and triage patients in emergency and critical care situations.
3	Evaluate the monitoring process for animals in high dependency and Intensive care units.
4	Review nursing interventions and strategies for a range of patients with complex needs.

Employability Skills The Wrexham Glyndŵr Graduate	I = included in module content A = included in module assessment N/A = not applicable
Guidance: complete the matrix to indicate which of the following are included in the module content and/or assessment in alignment with the matrix provided in the programme specification.	
CORE ATTRIBUTES	
Engaged	I and A
Creative	I
Enterprising	N/A
Ethical	I and A
KEY ATTITUDES	
Commitment	I and A
Curiosity	I and A
Resilient	I

Confidence	I and A
Adaptability	I
PRACTICAL SKILLSETS	
Digital fluency	I
Organisation	I and A
Leadership and team working	I and A
Critical thinking	I and A
Emotional intelligence	I and A
Communication	I and A

Derogations

This module is mapped to the RCVS day one competences (DOC) and day one skills (DOS). To gain a pass in this module a minimum mark of 40% must be achieved by the student in each summative assessment element.

Assessment:

Indicative Assessment Tasks:

Formative:
Padlet board / role play scenarios with peer feedback in clinical suite. A range of modalities will be used by the tutor to provide feedback to students.

Summative:
Assessment 1: Case study, (2000 words), nursing an animal in the HDU or ICU.
Assessment 2: In-class test (unseen, 2 hours, short and long problem based questions)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	4	Case Study	40
2	1, 2 and 3	In-class test	60

Learning and Teaching Strategies:

A range of learning and teaching strategies will be employed, and all will focus on student centred teaching. Delivery of content will be conducted in a lecture room and the clinical suite to apply theory to practice. The emphasis will be on active learning for each session delivered. Students will practice and further develop their clinical skills based on the RCVS DOS and RCVS DOC in this module.

	Learning outcomes mapped to RCVS Day One Competences (DOC) and Day One Skills (DOS)	
LO1	Demonstrate ability to cope with incomplete information, deal with contingencies, and adapt to change	DOC11
LO1	Understand the economic and emotional context in which the veterinary nurse operates	DOC 8
LO4	Work effectively as a member of a multidisciplinary team in the delivery of services	DOC 7
LO4	Deliver nursing care in accordance with best practice and due regard to animal welfare	DOC 15
LO2	Administer emergency first aid and assist with the provision of emergency	DOC 17
LO3	Assess pain and alert the veterinary surgeon	DOC 30
LO4	Be aware of suspected adverse reactions and alert the veterinary surgeon	DOC 24
LO1	Collaborate with inter-professional colleagues to improve professional practice and relationships	DOS 2.9
LO1	Practise evidence-based nursing	DOS 2.8
LO2	Assist with a range of emergency care techniques	DOS 4.15
LO3	Assess pain and alert the veterinary surgeon	DOS 4.12
LO1	Communicate effectively expressing appropriate empathy and sympathy	DOS 2.10
LO4	Monitor for adverse medication reactions and alert veterinary surgeon	DOS 4.10

Reference Points:

QAA Subject Benchmark Statement for Veterinary Nursing
https://www.qaa.ac.uk/docs/qaa/subject-benchmark-statements/subject-benchmark-statement-veterinary-nursing.pdf?sfvrsn=def3c881_4

RCVS Fitness to Practise Guide
https://www.rcvs.org.uk/news-and-views/publications/fitness-to-practise-a-guide-for-uk-providers-of-veterinary/?destination=%2Fnews-and-views/publications%2F

RCVS Day One Skills for Veterinary Nurses
https://www.rcvs.org.uk/document-library/rcvs-day-one-skills-for-veterinary-nurses/

RCVS Day One Competences for Veterinary Nurses
https://www.rcvs.org.uk/document-library/day-one-competences-for-veterinary-nurses/

RCVS Code of Professional Conduct for Veterinary Nurses
https://www.rcvs.org.uk/document-library/code-of-professional-conduct-for-veterinary-nurses/

Syllabus outline:

Learning outcome 1
Critical thinking / mental models / effective communication with team and other colleagues / using evidence-based nursing to problem solve / evaluation / collaboration / clinical reasoning / preparing clients for poor outcomes / expressing empathy and sympathy / emotional intelligence / resilience / discussing options with owners when outcome is poor / compassion fatigue.

Learning outcome 2
Triage and initial assessment / Rule of 20 / ICU / HDU / primary and secondary survey / recording / informing clients.

Learning outcome 3
Monitoring; physical / device-based / clinical pathological / range of equipment / accurate recording and documentation / Integration of monitoring process / problems that arise / nutritional support (WSAVA) / transfusions / pain assessment / scales.

Learning outcome 4
Preparation to recovery / pain relief interventions / introduction to pharmacology and pharmacodynamics / pharmacological and non-pharmacological options / involvement of multidisciplinary team / nursing strategies for range of emergencies and critical ill patients; traumatic injuries / haematology / cardiovascular and respiratory / CPA / CPR / crash kit / metabolic / endocrine / urological / ocular / reproductive / toxicology emergencies, adverse reactions (VMD) / neurological nursing / neonatal nursing / oncology nursing / TLC / effective handovers / stories / care bundles / nursing care plans.

Indicative Bibliography:

Essential reading

Battaglia, A. M. and Steele, A.M. (2020), *Small Animal Emergency and Critical Care for Veterinary Technicians*. 5th ed. St. Louis: Elsevier.

Kirby, R. and Linklater, A. (eds.) (2017), *Monitoring and Intervention for the Critically ill Small Animal*. Chichester: Wiley Blackwell.

Martini-Johnson, L. ((2020), Applied Pharmacology for Veterinary Technicians. 6th ed. Philadephia: Elsevier.

Other indicative reading

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Aspinall, V. (2019), *Clinical Procedures in Veterinary Nursing*, 4th ed. Edinburgh: Elsevier.

Cooper, B., Turner, L. and Mullineaux, E. (2020), *BSAVA Textbook of Veterinary Nursing*, 6th ed. Gloucester: British Small Animal Veterinary Association.

King, L.G. and Boag, L. (eds.) (2018), *BSAVA Manual of Canine and Feline Emergency and Critical Care.* Gloucester: British Small Animal Veterinary Association.

The Veterinary Nurse, Practical international peer-reviewed journal. London: MA Healthcare Ltd.

Veterinary Nursing Journal. Abingdon: Taylor & Francis Ltd.