



## **VETT-236-EMERGENCY AND CRITICAL CARE MEDICINE 2 CREDITS**

### **SYLLABUS**

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#### **CATALOG DESCRIPTION**

Emergency and Critical Care Medicine is designed to teach students emergency and critical care nursing skills and to assist students in preparing for their credentialing examinations.

**Prerequisites:** Video portfolios must be completed for animal nursing, surgical assisting, and clinical pathology. Student must have clinical site and preceptor approved.

**Semester Offered:** All

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

#### **Course Learning Outcomes**

- Perform triage of emergency patients.
- Provide intravenous fluid therapy and blood transfusions.
- Assess pain in patients and apply the treatment modalities for pain.

- Provide general and local anesthesia for emergency and critical care patients.
- Provide management and treatment for patients in shock.
- Provide CPR for emergency and critical care patients.
- Manage and provide care for cardiovascular system emergencies.
- Manage various body system emergencies.
- Provide nursing for critical care patients.
- Understand and be able to respond to environmental and terrorist emergencies.
- Apply advanced physiological and pharmacological principles to emergency and critical care patients.
- Prepare students for the Veterinary Technician National Examination.