



## **DEPARTMENT OF ANIMAL SCIENCE**

### **COURSE OUTLINE – FALL 2017**

#### **AH 340 ANESTHESIOLOGY – 3 (2.5-0-0) 56HOURS**

**16 Weeks**

<b>INSTRUCTOR:</b>	Christy Barlund, DVM	<b>PHONE:</b>	(780) 835-6701
<b>OFFICE:</b>	AS 136	<b>E-MAIL:</b>	cbarlund@gprc.ab.ca
<b>OFFICE HOURS:</b>	1-3pm Thursdays or as posted		

#### **CALENDAR DESCRIPTION:**

Instruction on the commonly used anesthetic agents will include their modes of action, human health implications and WHMIS considerations. Students will learn to perform a pre-anesthetic work up, calculate and administer pre-anesthetics, induce and maintain general anesthesia using different agents, techniques and systems. Monitoring of patients includes recognition of anesthetic stages and proper use of monitoring devices. Appropriate responses to anesthetic complications and emergencies will be covered. Appropriate analgesics and analgesic protocols will be discussed.

#### **PREREQUISITE(S)/COREQUISITE:** new

- Must be registered in the GPRC Animal Health Technology Program
- AH 141, AH 174, AH 240, AH 242, AH 246, AH249

#### **REQUIRED TEXT/RESOURCE MATERIALS:**

Thomas J.A. and Lerche P., Anesthesia & Analgesia for Veterinary Technicians, Mosby Elsevier, 2011

#### **DELIVERY MODE(S):**

Lecture. Students will obtain and be evaluated on practical competencies in anesthesia in Clinical Procedures I & II labs.

## **COURSE OBJECTIVES/LEARNING OUTCOMES:**

### **TRANSFERABILITY: (if applicable)**

A list of institutions to which this course transfers (For example: UA, UC, UL, AU, GMU, CU, CUC, KUC. Please note that this is a sample and it must be replaced by your specific course transfer)

\*Warning: Although we strive to make the transferability information in this document up-to-date and accurate, the student has the final responsibility for ensuring the transferability of this course to Alberta Colleges and Universities. Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at Alberta Transfer Guide main page <http://www.transferralberta.ca> or, if you do not want to navigate through few links, at <http://alis.alberta.ca/ps/tsp/ta/tbi/onlineSearch.html?SearchMode=S&step=2>

\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

**(The following criteria may be changed to suite the particular course/instructor)**

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less** than C-.

### **EVALUATIONS:**

#### **GRADING CRITERIA:**

#### **GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY**

**OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.**

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100	C+	2.3	67-69
A	4.0	85-89	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62
B+	3.3	77-79	FAIL	1.3	55-59
B	3.0	73-76	FAIL	1.0	50-54
B-	2.7	70-72	WF	0.0	00-49

<b>EXAMINATIONS</b>	Mark Distribution
<b>A. Quizzes &amp; Assignments</b>	35%
<b>B. Midterm Exam</b>	30%
<b>C. Final Exam</b>	35%
	<b>100%</b>

\* A minimum of 60% must be obtained in order to successfully pass AH340. If a student misses a quiz without prior notification and without a valid reason, a mark of zero will be assigned for that quiz. Late assignments not accepted. Any material handed in to an instructor must be in blue or black pen, no white out, medical corrections only.

#### **COURSE SCHEDULE/TENTATIVE TIMELINE:**

Units 1&2	Introduction and Pre-anesthetic period
Unit 3	Pre-anesthetic Drugs
Unit 4	General Anesthesia
Unit 5	Injectable Anesthesia
Unit 6	Inhalational Anesthesia
Unit 7	Inhalation Agents
Unit 8	Pain Management and Analgesia
Unit 9	Large Animal Anesthesia
Unit 10	Anesthetic Emergencies

#### **STUDENT RESPONSIBILITIES:**

Enrolment at GPRC assumes that the student will become a responsible citizen of the College. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

**STATEMENT ON PLAGIARISM AND CHEATING:**

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at <http://www.gprc.ab.ca/about/administration/policies/>

**\*\*Note:** all Academic and Administrative policies are available on the same page.

**ADDITIONAL INFORMATION:** (optional)

YEAR: April 2017
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