GPRC

DEPARTMENT OF ANIMAL HEALTH TECHNOLOGY
COURSE OUTLINE – AH 340 – FALL 2014
ANESTHESIOLOGY

INSTRUCTOR: Christy Barlund, DVM   **PHONE:** 780-835-6701

OFFICE: FAS 136   **E-MAIL:** cbarlund@gprc.ab.ca

OFFICE HOURS: 9:00am-4:00pm or as posted

PREREQUISITE(S)/COREQUISITE:
Students must complete and pass AH141, AH142, AH241, and AH246 04/11

REQUIRED TEXT/RESOURCE MATERIALS:
- Thomas J.A. and Lerche P., Anesthesia & Analgesia for Veterinary Technicians, Mosby Elsevier, 2011, 4th edition.

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.

CREDIT/CONTACT HOURS:
Credits 3.5
Contact Hours = 56

DELIVERY MODE(S): Lectures only. Students will obtain and be evaluated on practical competencies in anesthesia in Clinical Procedures I & II labs.

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	**4-point Equivalent**	**Percentage Guidelines**	**Designation**
A$^+$	4.0	90 – 100	**EXCELLENT**
A	4.0	85 – 89	
A$^-$	3.7	80 – 84	**FIRST CLASS STANDING**
B$^+$	3.3	77 – 79	
B	3.0	73 – 76	**GOOD**
B$^-$	2.7	70 – 72	
C$^+$	2.3	67 – 69	**SATISFACTORY**
C	2.0	63 – 66	
C$^-$	1.7	60 – 62	**MINIMAL PASS***
F	1.3	55 – 59	**FAIL**
	1.0	50 – 54	
	0.0	0 – 49	
WF	0.0	0	**FAIL, withdrawal after the deadline**

*overall grade average has to be 2.0 or higher to be successful in the AHT program.

EVALUATION:

Please review GPRC's Examination and Grading policies.

A passing grade in this course is a minimum of 60% in the theory portion. Deductions are at the discretion of the instructor. The instructor may give pop quizzes. Students must have a mark of 50% or greater on the final exam to be allowed to write a supplemental exam. There is a supplemental examination available only for the final exam, no supplemental quizzes allowed. 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 will not be accepted. Attendance will not be assigned a mark in this class. Overall excessive absence, coming to class late, or leaving during class, may result in mark deductions at the instructor's discretion. For further clarification on the attendance policy, see the AHT Program guidelines in the orientation booklet and the GPRC Policies and Procedures.

MARK DISTRIBUTION:

Assignments	15%
Quizzes	20%
Midterm exam	30%
Final exam	35%
	100%

STUDENT RESPONSIBILITIES:

Enrolment at Grande Prairie Regional College 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 the institutions 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:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

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