



DEPARTMENT OF ANIMAL HEALTH TECHNOLOGY

COURSE OUTLINE – AH 340

ANESTHESIOLOGY

INSTRUCTOR: Dr. C. Barlund **PHONE:** 780-835-6701
OFFICE: AS 133 **E-** CBarlund@GPRC.ab.ca
MAIL:

OFFICE

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

PREREQUISITE(S)/COREQUISITE:

Students must complete and pass AH 246 and AH 249.

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.

OBJECTIVES (Optional):

TRANSFERABILITY:

**** 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**

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.

EXAMINATIONS:

To pass this course, students must achieve a minimum grade of 50% on the final written exam (applies to the supplemental, as well) and a minimum overall grade of 60% in the entire course. Attendance will not be assigned a mark in this class, but if a student misses a class or a lab (including quizzes and exams), any assignments and/or quizzes and/or exams and/or handouts, whether scheduled or not, that occur or are distributed in the class or lab that was missed, will not be provided to the student or made up in any way. The student will be assigned a mark of zero for those assignments/exams/ etc. missed. IF the student contacts the instructor PRIOR to missing a class/lab/exam/etc., and if the student has an acceptable excuse (the validity of the excuse is at the discretion of the instructor and will require documentation such as a note from a doctor), the student may be excused without penalty and may be

given access to the missed material. Overall excessive absence, coming to class late, or leaving during class, may result in mark deductions at the instructor's discretion.

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If the requirements to pass the course have not been met, a supplemental exam is available for the final written exam only, and only if the overall grade for the course is above 50%.

MARK DISTRIBUTION:

Assignments/quizzes	30%
Midterm	30%
Final	40%

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

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Created by: Christy Barlund Date: August 25, 2011 Signature:

Approved by: Trisha Holubowich Date: Signature:

Mark Distribution

A. Quizzes & Assignments	30%
B. Midterm Exam	30%
C. Final Exam	40%
	100%