



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – FALL 2015

AH340 ANESTHESIOLOGY – 3(3.5-0-0)

INSTRUCTOR:	Christy Barlund, DVM	PHONE:	780 835 6701
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OFFICE HOURS:	9-4 or as posted		

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the GPRC Animal Health Technology Program
- AH 174
- AH241
- AH246
- AH249

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:

3(3.5-0-0) 16 weeks, 56 Hours

DELIVERY MODE(S):

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

OBJECTIVES (OPTIONAL):

TRANSFERABILITY: (if applicable)

**** 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 for
ANIMAL HEALTH PROGRAM**

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 point average has to be 2.0 or higher to be successful in the AHT program.

EVALUATIONS:

EXAMINATIONS

Mark Distribution

A. Quizzes & Assignments	35%
B. Midterm Exam	30%
C. Final Exam	35%

100%

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.

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:

Refer to the College Policy on Student Misconduct: Plagiarism and Cheating at https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf

**Note: all Academic and Administrative policies are available at <https://www.gprc.ab.ca/about/administration/policies/>

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

ADDITIONAL INFORMATION: (optional)

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YEAR: 2015/2016

