



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – WINTER 2016

AH245 PARASITOLOGY – 3.5 (3-0-2)

INSTRUCTOR:	Rhonda Shaw	PHONE:	(780) 835-6702
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OFFICE HOURS:	See Posted Schedule		

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the GPRC Animal Health Technology Program
- AH141
- AH173
- AH174

REQUIRED TEXT/RESOURCE MATERIALS:

- William J. Foreyt, *Veterinary Parasitology*, Blackwell, 2001 , 5th Edition
- Charles M. Hendrix and Ed Robinson, *Diagnostic Parasitology for Veterinary Technicians*, Mosby, 2006, 4th Edition
- Lab Coat, closed toe shoes

CALENDAR DESCRIPTION:

Life cycles of significant nematodes, trematodes, cestodes, arthropods and protozoa are covered. Instruction includes pathogenesis of common veterinary parasites, treatment and control measures and human health implications. The students will learn to prepare samples and identify these parasites and their ova or oocysts using common laboratory techniques.

CREDIT/CONTACT HOURS:

3.5 (3-0-2) 16 weeks, 80 Hours

DELIVERY MODE(S):

Lab and Lecture

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	15%
B. Midterm Exam	25%
C. Theory Final Exam	30%
D. Lab Final Exam	20%
E. Lab Reports / Assignments	10%
	100%

A minimum of 60% must be obtained in order to successfully pass AH 245.

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.

For your safety and the safety of others there will be zero tolerance of anyone showing up for the sessions under the influence of alcohol or other medications which may cause physical impairment or disruptive behavior. Sessions missed for the above reasons will also be considered as missed without a valid excuse and result in a 5% deduction of final mark for every session missed.

Attendance is mandatory for labs and guest speakers. A 5% deduction for each incidence, off final mark will occur if a student has an unexcused absence from a lab

or guest speaker. Deductions will occur if a student is late for labs or guest speakers, without a valid excuse. A 0% grade will be given for any late assignments/lab reports or missed quizzes. A valid reason requires prior notification to the instructor and acceptable third party written note (doctor, etc.). Exceptions to this are at the discretion of the instructor.

Having a valid reason for missing a lecture, lab or quiz/exam does not change the student's responsibility to acquire the information that was missed nor your obligation to complete required assignments/reports/quizzes/exams by the date required. Missed labs/guest speakers are not available for make-up.

½ marks will be deducted for spelling errors of medical terminology. Please treat all exams, quizzes and assignments as medical records and only correct answers using medical corrections. Illegible writing will result in deducted marks. No electronic devices are to be used in exams or quizzes. Having an electronic device present during an exam or quiz will result in dismissal from class and an automatic 0% assigned.

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:

Module 1: Introduction to Parasitology

Upon successful completion of this Learning Outcome Guide, you will be able to develop and communicate knowledge related to an Introduction of Parasitology.

Module 2: Phylum Arthropoda

Upon successful completion of this Learning Outcome Guide, you will be able to discuss and demonstrate knowledge of the Phylum Arthropoda, which includes the Class Insecta and Arachnida.

Module 3: Phylum Platyhelminthes

Upon successful completion of this Learning Outcome Guide, you will be able to discuss and demonstrate knowledge of the Phylum Platyhelminthes which include Trematodes and Cestodes.

Module 4: Phylum Nematoda

Upon successful completion of this Learning Outcome Guide, you will be able to discuss and demonstrate knowledge of the Phylum Nematoda.

Module 5: Kingdom Protista

Upon successful completion of this Learning Outcome Guide, you will be able to discuss and demonstrate knowledge of the Kingdom Protista.

Practical Parasitology Laboratory Module

Upon successful completion of this Learning Outcome Guide, you will be able to identify and describe flies, lice, fleas, ticks, mites and common parasitic ova, oocysts and microfilaria.

YEAR: 2015/2016

