



DEPARTMENT OF ANIMAL HEALTH TECHNOLOGY

COURSE OUTLINE – AH 245

PARASITOLOGY – 2011

INSTRUCTOR: Varies

PHONE: 780-835-67

OFFICE: FAS

E- @gprc.ab.ca

MAIL:

OFFICE

HOURS: 8:00-4:30 or as posted

PREREQUISITE(S)/COREQUISITE:

Students must complete and pass AH 141, AH 173, AH 172 and AH 174.

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, 3rd Edition
- Supplies; lab coat

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:

Course Code: AH245

Course Title: Parasitology

Hours: 80

Credits: 5

DELIVERY MODE(S):

Lectures and Labs

OBJECTIVES:

- A.** Module 1: Introduction To Parasitology
- B.** Module 2: Phylum Arthropoda
- C.** Module 3: Phylum Platyhelminthes
- D.** Module 4: Phylum Nematelminthes
- E.** Module 5: Phylum Protozoa
- F.** Practical Parasitology Laboratory Module

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 transferable**

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 program.

EXAMINATIONS:

Students must achieve a minimum passing grade of 60% in each of the lab and lecture portions of this course to pass AH245

Parasitology.

Regular attendance for lecture is recommended to assure student success.

Attendance is mandatory for labs and guest speakers. A 5%

deduction will occur if a student has an unexcused absence from a lab or guest speaker for each incidence. Missed labs/guest speakers are not available for make-up. Having a valid reason for missing a lecture, lab or quiz/exam does not change the student's responsibility to acquire the information given during a lecture/lab, nor your obligation to complete required assignments/reports/quizzes/exams by the date required. A 0% grade will be given for any late assignments/lab reports.

Mark Distribution

A. Assignments/Quizzes	20%
B. Midterm Exam/Theory	25%
C. Final Exam/Theory	25%
D. Final Exam/Lab	25%
E. Lab reports	5%
	100%

STUDENT RESPONSIBILITIES:

Required: Hair tied back for all labs and short fingernails.

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 College 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:

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 Nemahelminthes

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

Module 5: Phylum Protozoa

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

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.

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

Created by: <Instructor Name>

Date:

Signature:

Approved by: Trisha Holubowich

Date:

Signature: