

Northwestern CT Community College

COURSE SYLLABUS

Course Title: Parasitology

Course #: VET* 238

Course Description: This course provides an overview of the parasites of greatest importance in veterinary medicine. The course includes both lecture and laboratories to reinforce the knowledge and identification skills necessary for the Veterinary Technician. (3 credits)

Pre-requisite/Co-requisite: VET* 151, VET* 205 (strongly recommended)

Goals: The student will develop a working knowledge of the external and internal parasites of greatest importance in veterinary medicine. Students will develop the diagnostic testing and parasite identification skills necessary for a Veterinary Technician. Successful completion of this course will prepare the student for the parasitology questions of the National Veterinary Technician Exam.

Outcomes: Upon successful completion of this course, the student will be able to:

- Use the terminology relating to parasitology.
- Recognize and describe the concepts and effects of parasitism, including:
 - the implications of definitive, accidental, reservoir, and paratenic hosts.
 - methods of parasite transmission.
 - routes of migration of a parasite in its target host to its principle site of infection.
 - clinical signs demonstrated by a host in response to infection by a target or accidental parasite.
- Identify parasites by their scientific and common names for a given host.
- Identify the definitive host as the target host species or family for each parasite.
- Identify common parasites by:
 - performance of appropriate laboratory diagnostic procedures for isolation of a specific parasite from an appropriate laboratory specimen.
 - recognition of parasitic life stages.
 - recognition of morphological features that aid in identification.
- Name common antiparasitic drugs including their target parasite(s), safety, and contraindications.
- Recommend control measures for management of host animals and their environments.
- Express the public health significance of parasitic zoonoses.