

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
VET 175S VETERINARY PARASITOLOGY
3 CREDIT HOURS

COURSE DESCRIPTION

Overview of the internal and external parasites encountered in veterinary medicine. Emphasis will be on the life cycles, identification (including scientific names), diagnosis, treatment, prevention, and zoonosis of parasites found in small and large animal species. Laboratory hours, 32 hours in total, are designated to develop hands-on skills to aid in identification. Prerequisite: VET 125S. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
2	1. Discuss the life cycles of various parasites.	1, 3
3	2. Produce results to aid diagnosis using a variety of common laboratory procedures for identification of clinically significant parasites.	1, 3, 9
1	3. Describe method of infection, clinical signs, diagnosis, treatment/control, and zoonotic potential of various parasites.	1, 2, 3, 9
1	4. Name the common and scientific names for various parasites.	1, 3

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State Community College. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives and activities in this course will introduce/reinforce those Core Values wherever appropriate.

TOPIC OUTLINE

1. Terminology associated with common parasites
2. Diagnostic assays for identifying both internal and external parasites
3. Life cycles, identification (scientific and common names), diagnosis, treatment, prevention, and zoonosis potential for common parasites found in small and large animals.
 - a. Endoparasites: nematodes, cestodes, trematodes, and protozoa
 - b. Ectoparasites: bugs, flies, lice, fleas, ticks, and mites