

Biology 3403 – Parasitology – Spring 2023
Alpine - Lab M 1:00-3:00 WSB 109
Midland – Lab WEB, Del Rio - DR 112

Lab Manual: Sullivan, J.T. 2009. A Color Atlas of Parasitology.

Grading: Your grade in lab will be made up of points scored in three (3) lab practicals and attendance/participation in lab. The lab participation will be based on actively taking part in each lab, working throughout the available time offered, and demonstrating use of the techniques learned at the end of the term. This lab requires a lot of individual effort and dedication to learn to identify the organism, as many parasites appear identical at first glance.

PARASITOLOGY LABORATORY SCHEDULE

DATE	LABORATORY
1/23	Microscope Introduction, <i>Trypanosomes</i> and other protozoans
1/30	<i>Giardia</i> and Amoebas
2/6	Malaria and other Apicomplexa
2/13	Review for First Lab Practical
2/20	Lab Exam 1 – Protozoa
2/27	Trematodes
3/6	Cestodes
3/13	Spring Break – No Lab
3/20	Nematodes and Acanthocephla
3/27	Nematodes and Acanthocephla II
4/3	Lab Exam 2 - Worms
4/10	Separation Techniques (Floats and Smears)
4/17	Collection of Ectoparasites from Wild Hosts (Alpine lab week)
4/24	Flies and other ectoparasites
5/1	Lab Exam 3 – Techniques and Basic Arthropods
5/8	Study for lecture finals