

STUDENT EXPECTATIONS

1. Students are expected to attend all class sessions for maximal educational benefit at the indicated times. Students must arrive in class on time. Students are also expected to actively participate in class discussions. It is the responsibility of the student to obtain lecture notes, announcements, course documents if absent from class.
2. Students are expected to be respectful to fellow classmates. Cell phones, pagers, laptop computers, and similar electronic devices must be turned off during class. Students are expected to display appropriate conduct at all times and follow the rules established by the FSU Code of Student Conduct Please do not pass notes to other classmates during class, and do not engage in side-conversations at any time during the class period. Please do not prepare to leave lecture before the end of the period. Students who must leave the class during the lecture or arrive late to class are asked to leave/enter in a respectful manner. Students are expected to cleanup their laboratory workbench before leaving the classroom.
3. Students are expected to read the course material before class. Students are also expected to spend at least 2 hours studying after class for every 1 hour spent in class per week.
4. Students are expected to be courteous of other students and professors during the 5-10 minute break period. Failure to adhere to this rule will result in the loss of this privilege.

EXAMINATIONS

Your final grade in this course will be determined on the basis of lecture exams, lecture quizzes, and laboratory. Students will have the opportunity to take four exams during the summer semester. The exams will be taken during regular class hours. Students may not leave the classroom during an exam until the exam is completed. You must be on time in order to take the exams. Students late for an exam will be allowed to take the exam, however no extra time will be allowed to complete the exam. All exams will be collected at the same time. No make up exams will be given. Students are encouraged to plan ahead to avoid any problems.

Each exam will contain 40 questions. Each question will be worth 2.5 points each (40 questions x 2.5 points = 100 points). Examinations will primarily consist of multiple-choice questions, matching, short answer, and/or true-false questions. Exams will be constructed to test your ability to recall pertinent facts, utilize conceptual knowledge in practical applications, and integrate information. Exams will be based on class lectures (lecture notes). The material covered on each examination is listed in the course schedule (page 6). Each exam will highlight the material covered since the previous exam. The dates for examinations are listed below. Students are expected to take exams when scheduled. If a student is absent from an exam, they will be given an exam score of zero (0). As stated above, no makeup exams will be given. On the day of the examination each student must arrive in class on time and must bring at least two No. 2 pencils to complete each exam. Two unannounced lecture quizzes will be given in lecture and will ascertain student understanding of selected topics covered in lecture. Students who are absent from class (without prior notification or valid justification) will receive a grade of zero (0). Each unannounced lecture quiz will be worth 15 points each.

Lecture Exam Schedule

Exam 1: September 22, 2009 (Tuesday) Exam 2: October 20, 2009 (Tuesday) Exam 3: November 24, 2009 (Tuesday) Exam 4: December 1, 2009 (Tuesday)

Laboratory Exam Schedule

Exam 1: October 8, 2009 (Thursday) Exam 2: November 19, 2009 (Thursday)
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LABORATORY

The Introduction to Parasitology laboratory is designed to give you the opportunity to apply various principles of Parasitology learned in lecture and from the textbook. Specifically, the Introduction to Parasitology laboratory will provide you with relevant experiences and exposure to fundamental parasitological concepts, is designed to promote understanding of the way parasitologists work, and function to give you the opportunity to function as a parasitologist.

All labs will consist of 4 components: 1) 10 minute introduction of laboratory exercise, 2) laboratory exercise, 3) clean up, and 4) post laboratory remarks. A total of 270 points can be earned in laboratory. Points can be earned from laboratory practical exams (200 points), laboratory report (50 points), and laboratory cleanup (20). Students are expected to follow the cleanup procedures following lab. Students must clean their lab workbenches before and after lab by applying 70% ethanol to workbenches. Failure to follow the clearly documented cleanup procedures and failure to keep your laboratory workbench clean will result in the loss of 10 points from your final course score. Students in violation of the cleanup policy will be given one notification. Subsequent violation will result in the loss of points.

COURSE GRADING

As stated above, your final grade in this course will be determined on the basis of lecture exams, lecture quizzes, and laboratory (practical exams, cleanup, laboratory report). A total of 100 points can be earned for each exam. Since 4 lecture exam scores (400 points), two unannounced lecture quizzes (30 points) will be counted toward your final grade and a total of 3270 points can be earned for laboratory, the maximum number of points you can earn for the course is 700 points. The course grading system is shown below:

Course Grading System

	Total Points
Exam 1	100
Exam 2	100
Exam 3	100
Exam 4	100
Lecture Quizzes	30
Laboratory Cleanup	20
Laboratory Report	50
Laboratory Practical Exam 1	100
Laboratory Practical Exam 2	100
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Maximum Course Points	700

The course grading scale is shown below:

Course Grading Scale

700 - 600	=	A
599 - 500	=	B
499 - 400	=	C
399 - 300	=	D
299 - 000	=	F

OFFICE HOURS

Office hours for Introduction to Parasitology are held from 10:00 a.m. – 1:00 p.m. on Monday and Wednesday. No appointment is required during regularly scheduled office hours. If you have any questions or concerns regarding Microbiology-Immunology please come to my office during office hours. Students will be notified in advance if there is a change in office hours. Additional appointment times are available on request. Appointment requests can be made in person, by telephone (910-672-2253), or by email (lflowers@uncfsu.edu).

ACADEMIC HONESTY AND INTELLECTUAL INTEGRITY

Students are expected to hold the highest standards of honesty and integrity according to the FSU Code of Student Conduct published in the undergraduate and graduate catalogs. Any student that engages in academic misconduct (e.g., plagiarism, cheating, etc.) will be subjected to established procedures outlined in the FSU Code of Student Conduct.

POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

Students requesting special classroom accommodations must register with the Center for Personal Development (CPD). The CPD will coordinate appropriate individualized services. Additionally, students requiring special accommodations are strongly encouraged to notify Dr. Flowers so that appropriate actions can be taken to ensure your success in this course.

FOOD & BEVERAGES

The consumption of food and beverages is not allowed in this classroom for your safety and protection. The classroom/laboratory will contain potentially pathogenic organisms that may contaminate your food and beverages.

ATTENDANCE POLICY

There is no attendance policy in this course, however attendance will be used in determining your final grade. Students who must be absent may submit appropriate documentation (e.g., doctor's note) to justify absence. Tardiness and early departure should be avoided. As stated earlier (STUDENT EXPECTATIONS) in the syllabus, students who must leave the class during the lecture/lab or arrive late to class are asked to leave/enter in a respectful manner. When applicable prior, communication regarding absences from class with Dr. Flowers is encouraged to avoid problems and to enhance your academic experience.

COURSE WEBSITE

The Introduction to Parasitology website is designed to be a convenient resource for you to gain access to important documents (e.g., lecture notes, Grade Tracking Form, syllabus, etc.). The website will also contain important course announcements, exam study guides, exam grades, and other essential information about the course. Grades will be posted on the course website within 48-72 hours after the exam or quiz. The Introduction to Parasitology (Zool 585) website can be accessed on Blackboard 8.0 with the following URL: <http://blackboard.uncfsu.edu>.

ADDITIONAL COURSE POLICIES

As a student in this course, you are responsible for all assigned work, whether or not you are present. Students are expected to complete assignments on time. Work handed in or reported late will not be accepted, unless accompanied by a valid written excuse (e.g., doctor's note) or unless prior arrangements were made with Dr. Flowers. Students who are absent from class are responsible for demonstrating an understanding of the content covered in class on the day of the absence. An absence (excused or unexcused) does not relieve the student of any course requirements. The first time a student violates one of these rules outlined in this syllabus, the Assistant Professor will warn him or her privately. The second time a student violates the guidelines, the instructor may deduct as many as 20 points from the student's next exam grade. If a student violates the guidelines three times, the instructor will report the student to the Dean of Students for disciplinary action according to the FSU Code of Student Conduct.

ACADEMIC SUPPORT RESOURCES

The Learning Center in the H.T. Chick Building is available to assist students with writing, mathematics, and reading.

REQUIRED TEXTS

Textbook:

Bogitsh, B., Carter, C., Oeltmann, T. (2005). *Human Parasitology* (3rd ed.). Academic Press.

Laboratory Manual:

Dailey, M. (1996). *Essentials of Parasitology* (6th ed.). Wm. C. Brown Publishers.

FALL 2009 LECTURE SCHEDULE

<u>Date</u> <u>(HPM)</u>	<u>Chapter(s)</u>	<u>Lecture Topic(s)</u>	<u>Reading</u>
Aug 25 (T)	1/2	Symbiosis and Parasitism & Parasite Host Interactions	pp. 1-37
Sep 1 (T)	18	Arthropods as Vectors	pp. 385-418
Sep 8 (T)	9	General Characteristics of the Trematoda	pp. 175-202
Sep 15 (T)	10	Visceral Flukes	pp. 203-222
Sep 22 (T)		Exam 1	
Sep 29 (T)	11	Blood Flukes	pp. 223-241
Oct 6 (T)	12	General Characteristics of the Cestoidea	pp. 245-264
Oct 13 (T)	13	Intestinal Tapeworms	pp. 265-280
Oct 20 (T)		Exam 2	
Oct 27 (T)	14	Extraintestinal Tapeworms	pp. 281-296
Nov 3 (T)	15	General Characteristics of the Nematoda	pp. 299-321
Nov 10 (T)	16	Intestinal Nematodes - 1	pp. 323-348
Nov 17 (T)	16	Exam 3 , Intestinal Nematodes - 2	pp. 348-362
Nov 24 (T)	17	Blood and Tissue Nematodes	pp. 363-381
Dec 1 (T)	17	Parasitic Protozoa	
Dec 8 (T)		Exam 4	

FALL 2009 LABORATORY SCHEDULE

<u>Date</u>	<u>Exercise(s)</u>	<u>Laboratory Topic(s)</u>	<u>Reading (EP)</u>
Aug 27 (R)		Orientation, Laboratory Safety	
Sep 3 (R)		Library Skills	
Sep 10 (R)	1	Arthropods 1	pp. 185-222
Sep 17 (R)	2	Arthropods 2	
Sep 24 (R)	3	Parasitic Platyhelminths 1	pp. 44-84
Oct 1 (R)	4	Parasitic Platyhelminths 2	pp. 44-84
Oct 8 (R)		Laboratory Exam 1	
Oct 15 (R)		No Laboratory – Fall Break	
Oct 22 (R)	5	Experiment	
Oct 29 (R)	6	Parasitic Cestodes 1	pp. 86--110
Nov 5 (R)	7	Parasitic Nematodes	pp. 123-177
Nov 12 (R)	8	Parasitic Protista	pp. 2-41
Nov 19 (R)		Laboratory Exam 2	
Nov 26 (R)		No Laboratory – Thanksgiving	
Dec 3 (R)		Demonstration	

Key:

HP – Human Parasitology (3rd ed.) EP – Essentials in Parasitology (6th ed.)

Note:

The professor of Introduction to Parasitology reserves the right to modify the course syllabus at any time during the semester. In the event that modifications are made to the syllabus, advance notice will be given.