**CLS 427: Parasitology**

**Instructor- Lecture:** Kelly Michalski, M.S., MLS (ASCP)CM

**Office:** D**-**146 Science Building

**Phone:** 715-346-3765

**Lecture:** D224 8:00am-9:15am

**Office Hours:** By appointment

# E-mail: [kmichals@uwsp.edu](mailto:kmichals@uwsp.edu)

**COURSE DESCRIPTION:**

**CLS 427:** This course introduces the morphology, developmental life cycle, pathology, immunology, epidemiology, and treatment and control of each of the major parasites of humans.

**LEARNING OUTCOMES**

***Students will be able to:***

1. State definitions of general terms used in parasitology.
2. Recall the scientific and common names of each parasite studied.
3. State the general geographic distribution of each parasite.
4. State the parasitic form that causes diseasing humans and its location in the body.
5. Describe the means by which each infection occurs.
6. State the name of the disease produced and its most common symptoms and pathology.
7. State the appropriate boy specimen to examine for the diagnostic stage of each parasite, and list other laboratory tests useful in its diagnosis.
8. Recognize and draw the diagnostic stage of each parasite.
9. Demonstrate graphically the life cycle of each parasite.

**COURSE OBJECTIVES:**

Objectives are provided with each unit.

**FORMAT:**

As a means of enhancing your learning experience, this course will be organized in a hybrid format for the lecture.

**ASSIGNMENTS:**

**Online Quizzes:** Online quizzes may accompany class work. These ***timed*** quizzes are to be ***completed individually.***

**ACADEMIC INTEGRITY:**

At UW-Stevens Point and, in all courses, we place great emphasis on academic integrity  
and honesty. Plagiarism, fabrication, cheating, helping others commit these acts, and  
any form of dishonesty compromises the educational process and devalue the  
achievements of all students. All work you submit must be original and completed  
individually unless collaboration is explicitly allowed. Always acknowledge your sources,  
cite appropriately, and give credit where it's due. If instances of alleged academic  
dishonesty are identified, appropriate actions will be taken in accordance with the  
institution’s policies (UWSP Chapter 14). These actions could include revising the  
assignment, receiving a lower grade or no credit for the assignment, receiving a lower  
grade for the entire course, or facing more serious academic consequences.  
If you are unsure if something might be considered academic misconduct, you are  
struggling to understand the content or an assignment, or you have fallen behind for  
whatever reason, please contact your instructor as soon as possible. By nurturing a  
community of support, honesty, and respect, we ensure that academic pursuits and  
your experiences at UW-Stevens Point are both meaningful and genuine.

**Missed/Late Work Policy**

**Missed/late work (assignments, projects, exams, etc.) will receive a zero if not completed by the scheduled due dates or scheduled exam periods unless the student provides the instructor with a doctor’s note, coaches note, obituary, etc., as deemed appropriate by the instructor. *Students with proper documentation will be given no more than 72 hours, from the date of the document, to complete all missed work. Any extra time beyond 72 hours will need to be pre-arranged, with proper documentation, with the Instructor. It should not be assumed that time beyond 72 hours will be granted.* It is the student’s responsibility to provide the instructor with the documentation and schedule make-up exams and /or submit late assignments, etc. within the 72-hour timeframe; failure to do so will result in a zero.**

***Note: Having to work is not an acceptable reason for missing class and the absence* will be deemed unexcused, and result in a zero for any missed schoolwork.**

**EXAMS & QUIZZES:**

* Lecture = (may include the following items or additional items)
  + Online Quizzes
  + Exams
* “Laboratory” Exercises/Assessments
* Final Exam
  + Comprehensive final exam: October 26th, 2023, 8:00-9:15am, Room D224 Science Building

**GRADING SCALE:**

93 – 100% A               77 – 79% C+ Below 60% F  
90 – 92% A-              73 – 76% C  
87 – 89 % B+             70 – 72% C-  
83 – 86% B               67 – 69% D+  
80 – 82% B-              60 – 66 % D

**DERIVATION OF COURSE GRADES:**

* Lecture = 50% (may include the following items or additional items)
  + Online Quizzes
  + Exams
* “Laboratory” Exercises/Assessments = 30%
* Final Examination = 20%

**REQUIRED TEXTS:**

Leventhal & Cheadle**,** *Medical Parasitology, A Self-Instructional Text* 7th ed.

***Supplemental texts and journal articles will be used as needed.***