

MEDICAL TECHNOLOGY 422 CLINICAL PARASITOLOGY

Section 001 – Summer 2023

INSTRUCTOR: Mallory Janquart,
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Director, Medical Laboratory Science Program
OFFICE: Halsey Science Center - Room 127
OFFICE HOURS: By appointment only
PHONE: 424-1487

CLASS: Medical Technology Lab HS 28
TIME: M-F 8:30am-12:30pm
CREDITS: 1

Required Textbook:

Medical Parasitology, A Self-Instructional Text, Sixth Edition,
Ruth Leventhal and Russell F. Cheadle

Clinical Laboratory Science Review, 6th Edition, Louisiana State
Medical Center (Jarreau)

Course Description: A study of the common pathogenic parasites and of methods for their identification and treatment. Prerequisite: Clinical Internship Status. (0+2)

Course Objectives:

- Students will be able to identify parasites in clinical specimens by using morphological characteristics unique to each structure.
- Students will be able to interpret and correlate the clinical significance of pathogenic parasites.

Grading Policy

Exam	250 points
Quizzes	70 points (10 points each)
Laboratory Safety	50 points

A	=	100-94
A-	=	93-90
B+	=	89-87
B	=	86-83
B-	=	82-80
C+	=	79-77
C	=	76-74
C-	=	73-70
D+	=	69-67
D	=	66-64
D-	=	63-60
F	=	<60

**Attendance is mandatory, habitual tardiness is not acceptable; - 5 points for each unexcused absence.

TOPICAL OUTLINE

<u>DATE</u>	<u>LECTURE & LABORATORY TOPICS</u>	<u>CHAPTER</u>
June 12	Orientation Basic Terminology Parasite Classification Laboratory Methods; QC	1, 7
June 13	Protozoan Classification Pathogens/Non-pathogens Terminology Pathogens; identification Life Cycles	5
June 14	Pathogens; identification Life Cycles Identification: Non-pathogens Laboratory Methods: Ocular Scale Calibration Direct Smears: saline; iodine	5-7
June 15	Nematoda: Terminology; Pathogenicity Life Cycles; identification	2
June 19	Platyhelminthes---Cestoda: Terminology; Pathogenicity Life Cycles; identification	3
June 20	Platyhelminthes---Digenea: Terminology; Pathogenicity Life Cycles; identification	4
June 21	Arthropods: Identification Disease Transmission Laboratory Methods: Concentration by A. Formalin-ether/ethyl acetate B. Zinc sulfate flotation	6-7
June 23	FINAL EXAMINATION	

NOTIFICATIONS:

DISABILITY SERVICES

The University of Wisconsin Oshkosh is committed to providing reasonable accommodation for students with disabilities. Please contact the Disability Services [Dean of Students Office, 125 Dempsey Hall, 424-3100 (Voice), 424-1319 (TTY)] for the University's accommodation request form or visit their website at <https://www.uwosh.edu/deanofstudents/Accessibility-Center>. Information related to an individual's accommodation request or other arrangements will be confidential and will be shared with relevant University personnel or offices on a "need to know" basis.

ACADEMIC INTEGRITY

The University of Wisconsin Oshkosh is committed to a standard of academic integrity for all students. The system guidelines state: "Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors." (UWS 14.01, Wisconsin Administrative Code)

Students are subject to disciplinary action for academic misconduct, which is defined in UWS 14.03, Wisconsin Administrative Code. Students on the UW Oshkosh campus have been suspended from the University for academic misconduct.

Students are encouraged to review the procedures related to violations of academic honesty as outlined in Chapter UWS 14, Wisconsin Administrative Code. Chapter UWS 14 can be found on the Dean of Students website at <http://www.uwosh.edu/deanofstudents/university-polices-procedures>.

Specific questions regarding the provisions in Chapter UWS 14 (and institutional procedures approved to implement Chapter UWS 14) should be directed to the Dean of Students Office.

Students are advised to see the following URL for disclosures about essential consumer protection items required by the Students Right to Know Act of 1990: <https://uwosh.edu/financialaid/consumer-information/>.

ELECTRONIC DEVICES

The use of electronic devices (computers, cell phones, recorders, etc) during class, lab exercises, or exams must be individually approved by the course instructor.