

MEDICAL TECHNOLOGY 420 INTRODUCTION TO URINALYSIS

Section 001 – Summer 2023

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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: Urinalysis and Body Fluids, Sixth Edition, Susan K. Strasinger and Marjorie Schaub Di Lorenzo

Course Description: An introduction to the chemical, physical, and microscopic aspects of urinalysis and their relationship to renal function. Prerequisite: Clinical Internship Status. (.5+ 1)

Course Objectives:

- Students will be able to identify formed elements in urine specimens by using morphological characteristics unique to each structure.
- Students will be able to interpret and correlate the clinical significance of identified formed elements with urine dipstick results.

Grading Policy

Written Exam	200 points
Practical Exam	50 points
Quizzes	60 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 TOPIC</u>	<u>CHAPTER</u>
July 11	Anatomy and Physiology of the Kidney	3
July 12	Anatomy and Physiology of the Kidney Introduction to Urinalysis	3 2
July 13	Microscopic Examination	6
July 14	Microscopic Examination	6
July 17	Chemical Examination	5
July 18	Chemical Examination	5
July 19	Practical Examination	
July 21	FINAL EXAM	

<u>DATE</u>	<u>LABORATORY TOPIC</u>	<u>CHAPTER</u>
July 12	Physical Characteristics Color, Appearance and Turbidity Specific Gravity	4
July 13	Urine Chemistry/Dipsticks	5
July 14	Microscopic Examination	6
July 17	Microscopic Examination	6
July 18	Complete Urinalysis	
July 21	Laboratory Review/Practical 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-policies-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.