

UNIVERSITY OF WISCONSIN OSHKOSH
MEDICAL LABORATORY SCIENCE PROGRAM
Med Tech 100 INTRODUCTION TO MEDICAL TECHNOLOGY
INTERIM, JANUARY 8-12, 2024

INSTRUCTOR: Mallory Janquart, MS, MLS(ASCP)^{CM}
Program Director, Medical Laboratory Science and Medical Imaging
OFFICE: Halsey Science Center - Room 127
PHONE: 424-1487
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CLASS: Mon-Fri (January 8-12, 2024), Halsey Science Center, Room 260
TIME: 2:00 - 4:10 P.M.
CREDITS: 1 credit

Course Description

An orientation course required of all freshmen and transfer students intending to major in Medical Laboratory Science. Topics include: Historical development of the profession, organization and function of a modern clinical laboratory, correlation of chemical and biological tests with disease states, student perspective of the clinical internship, government regulations, and professional and educational opportunities for the Medical Laboratory Scientist. Students will also be required to visit a hospital laboratory to observe the daily routine of a Medical Laboratory Scientist. (Prerequisites: Majors or consent of Program Director. Pass/Fail)

Learning Outcomes

We find that many students are not fully aware of what Medical Laboratory Scientists do, and as a result they may be pursuing a career that does not meet their expectations. This course attempts to expose you to many different aspects of the profession so that at its conclusion you may critically evaluate your own suitability for a Medical Laboratory Science career. In order to provide you with the best information possible, the course will also be taught by a number of different people associated with hospital laboratories and Medical Laboratory Science, namely, a DCLS student, UW Oshkosh senior Medical Technology students, people outside the clinical setting and Program Directors from hospitals affiliated with the UW Oshkosh Medical Laboratory Science Program.

Upon completion of the course students should be able to:

1. Evaluate their suitability for the profession based on class presentations.
2. Outline the Medical Laboratory Science pre-clinical and clinical curriculum.
3. Compare and contrast the roles and functions of the various laboratory personnel.
4. Describe, in general terms, the organization of a modern clinical laboratory.
5. Correlate a disease state with specific laboratory tests.

Grading Policy

The course will be graded on a Pass/Fail basis. To earn a "Pass" grade, **you must attend ALL sessions** (roll will be taken) and **you must visit a hospital laboratory**. If you must miss a session for a legitimate reason, you will need to obtain approval from Ms. Janquart and make arrangements to make up the missed material. The laboratory visits will be arranged through the Medical Laboratory Science Office for the semester break period, January 29 – February 2, 2024. If a conflict exists so that you cannot visit a hospital during this period, other arrangements will be worked out on an individual basis.

Med Tech 100 Introduction to Medical Technology (January 8-12, 2024)

DATE	TOPIC	INSTRUCTOR
Monday, January 8 2:00 P.M.	Overview of the UW-Oshkosh Medical Technology Curriculum and Program	Mallory Janquart, MS, MLS(ASCP) ^{CM} Program Director, Medical Technology and Medical Imaging, UW Oshkosh
3:00 P.M.	Importance of Medical Laboratory Professionals in Patient Diagnosis	Julie Butera, MMSc, PA-C Hospital Medicine Physician Assistant, Mayo Clinic Health System – Eau Claire Instructor of Medicine, Mayo Clinic College of Medicine and Science
Tuesday, January 9 2:00 P.M.	Hospital School of Medical Technology – Clement J. Zablocki VA Medical Center	Patricia Boyer, MSHS, MLS (ASCP) ^{CM} Medical Technology Program Director and Laboratory Education Coordinator Zablocki VA Medical Center, Milwaukee
3:00 P.M.	Puzzle Pieces – Interdisciplinary aspects of Clinical Lab Testing	
Wednesday, January 10 2:00 P.M.	Hospital School of Medical Technology – Marshfield Clinic Health System	Rebecca A. Beckmann, MS, MLS(ASCP) ^{cm} Laboratory Education MLS/HT Program Director Marshfield Clinic Health System-Marshfield Labs - Marshfield
3:00 P.M.	Alternative Careers in the Clinical Laboratory - options other than Medical Lab Science	Carrie Raycher, HT(ASCP) HT Program Coordinator Histology/Marshfield Labs
Thursday, January 11 2:00 P.M.	Aspirus Wausau Hospital Clinical Laboratory Science Program	Kory Wilkinson MLS(ASCP) ^{CM} Laboratory Manager – Stewardship & Quality Aspirus Wausau Hospital & Reference Laboratory
3:00 P.M.	Personal & Professional Conduct Presenting Yourself Positively	Chrissy Lambie, MSE, GCDF Assistant Director/Healthcare Career Advisor UW-Oshkosh Career & Professional Development
Friday, January 12 2:00 P.M.	Alternative Careers, Medical Technology Outside the Clinical Laboratory	Diane Schimelfenyg, MT(ASCP)SH Laboratory Process Consultant for Beckman Coulter
2:50 P.M.	Student Perspectives of the Clinical Training Experience	Panel of UW Oshkosh Students Currently in Clinical Training

January 29-February 2 (Semester Break) – Hospital Laboratory Visits.

Exact dates & times to be arranged.

NOTIFICATIONS:

DISCLOSURE

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/>

DISABILITY SERVICES

It is the University's policy to provide, on a flexible and individual basis, reasonable accommodations to students who have documented disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities are must be registered with Services for Students with Disabilities or Project Success and receive an Accommodation Recommendation form to receive accommodations. Services for Students with Disabilities is located in 125 Dempsey Hall.

It is the policy and practice of UW Oshkosh to create inclusive learning environments. If there are aspects of the instruction or design of this course that result in barriers to your inclusion, please notify me as soon as possible. You are also welcome to contact Services for Students with Disabilities at 920-424-3100 or dean1@uwosh.edu. For more information, visit the Services for Students with Disabilities website at <http://www.uwosh.edu/deanofstudents/disability-services>.

ACADEMIC INTEGRITY

Academic Integrity is critical to the mission of the University of Wisconsin-Oshkosh. All members of the University community play a role in fostering an environment in which student learning is achieved in a fair, just and honest way. Faculty and instructional staff set the tone in their classrooms by communicating clear expectations to their students and educating them on the consequences of engaging in academic misconduct while referring to campus resources. Students are expected to uphold the core values of academic integrity which include honesty, trust, fairness, respect and responsibility. These core values, combined with finding one's purpose and passion and applying them in and out of classroom learning, produce students who become extraordinary citizens.

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.

IMMUNIZATIONS

Tetanus boosters and Hepatitis B immunizations are available at the Student Health Center. The tetanus booster is \$40.00 [standard vaccine, DT (diphtheria/tetanus)] or \$55.00 [newer option, DTaP (diphtheria, tetanus and pertussis)] and the Hepatitis B is \$80.00 per shot. The boosters are necessary for anyone wanting to pursue a career in a laboratory/hospital setting.

You will need to make an appointment at the Student Health Center. There is a 20-minute wait after you receive the immunization, so please allow 35 minutes for your appointment. If you have any questions, please call the Student Health Center (920-424-2424).