

**Virginia Western Community College**  
**MDL 298**  
**Seminar and Project on Medical Laboratory Technology**

**Prerequisites**

Successful completion of all MDL Program-related courses with a grade of "C" or better.

**Course Description**

Requires completion of a project or research report related to the student's occupational objectives and a study of approaches to the selection and pursuit of career opportunities in the field.

Supplements the student clinical rotations in the hospital clinical laboratory for the VWCC Medical Laboratory Program. During clinical rotations including Clinical Chemistry, Clinical Hematology/Coagulation, Blood Bank, Special Testing, and Clinical Microbiology and Parasitology/Virology, the MLT students will report on and discuss their experiences with the clinical practicum, research and explain techniques and procedures observed or performed and apply this knowledge to a review of their course materials from the MLT Program didactic courses. The instructor will offer guidance for applying clinical experience to preparation for the registry examination.

**Semester Credits: 1    Lecture Hours: 1    Lab/Clinical/Internship Hours: N/A**

**Required Materials****Textbook:**

**(Recommended, not required)**

**BOC Study Guide 7th Edition: MLS-MLT Clinical Laboratory Examinations**

**ISBN: 978-0-89189-6845**

**Other Required Materials:**

- MLT Program Handbook
- Prior MLT course materials and/or textbooks
- ASCP Board Review Content Guideline and Reading Materials list

**Course Outcomes**

**At the completion of this course, the student should be able to:**

- Recognize the importance of preparation for the MLT registry examination.
- Demonstrate their readiness for the MLT registry examination by completing practice exams.
- Reflect on which registry examination content they should prioritize based on their performance on the practice exams.

## **Topical Description**

1. Clinical Hematology Review
2. Clinical Chemistry Review
3. Clinical Microbiology Review
4. Immunohematology Review
5. Immunology Review

**Exams / Quizzes will be held after each section and will be online.**

**There will be two practice ASCP Registry Exams.**

**Dates of exams TBA.**

## **Notes to Instructors**

### [ADA Statement](https://www.viriniawestern.edu/wp-content/uploads/2024/12/Syllabus-Statement_ADA.pdf)

[https://www.viriniawestern.edu/wp-content/uploads/2024/12/Syllabus-Statement\\_ADA.pdf](https://www.viriniawestern.edu/wp-content/uploads/2024/12/Syllabus-Statement_ADA.pdf)

### [Title IX Statement](https://www.viriniawestern.edu/wp-content/uploads/2024/12/Syllabus-Statement_Title-IX-2025.pdf)

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