

Course Information

Course Prefix/No:	MLT 243
Course Title:	Advanced Survey in Medical Laboratory Technology
Lecture Hrs/Wk:	5.0
Lab Hrs/Wk:	
Credit Hrs/Semester:	5.0

DL Attendance/VA Statement Textbook Information

Entry Level Skills: All 1st year MLT courses must be successfully completed and student must be currently enrolled in Clinical Rotations.

Prerequisite: All 1st year MLT Courses *

Co-requisites: MLT 253, 254*

*Note: MLT classes must be taken in accordance with the curriculum display as outlined in the college catalog and MLT program handbook.

Course Description: This course correlates clinical experience with advanced theoretical concepts.

Course Competencies:

Upon completion of this course the student will be able to:

1. Review basic concepts in Immunohematology, Clinical Chemistry, Microbiology and Hematology.
2. Relate theoretical concepts to the latest technologies employed in the clinical laboratory.
3. Prepare for national certification.
4. Participate in student bowl activities as a tool for reviewing materials.

Performance Objectives:

1. Utilizing WebCT lessons, case studies, and hospital notebook questions, the subject content of the four major areas and sub-areas of the clinical laboratory will be reviewed.
2. Given current laboratory journals and other up-to-date literature, the student will investigate new technologies and methodologies used in each area of the laboratory.
3. Through the use of prepared study questions, Registry Review Manuals, and CAI exercises, and a mock registry, the student will make preparations for a national certifying exam.
4. Mimicking the state student bowl format, the student will participate in student bowl competition as a means of learning.

Course Requirements:

1. Attend assigned lectures/lab consistently.
2. Complete all review questions thoroughly.
3. Students will adhere to the student code of conduct as described in the York Technical College Catalog and Handbook. Students will conduct themselves with dignity and maintain high standards of responsible citizenship. Any student caught cheating or involved in any other academic dishonesty will be given a grade of zero and will be subject to further disciplinary action.

Evaluation Strategies/Grading:

In order to successfully complete MLT 242 the following requirements must met:

1. Complete and turn in (electronically) all review questions. A grade will be assigned and points deducted for late or incomplete assignments.
2. Take and pass a minimum of four review finals/ hyperlink quizzes.
3. Take and pass weekly quizzes in the department of your rotation.
4. Perform selected CAI exercises. Three attempts will be given for each program/exercise with the best score of the three used to calculate the final average for the CAI portion of the grade.
5. Any hospital tests given will be averaged into the final grade.
6. Take and pass a mock registry exam. The exam must be passed with a score of 70 or better to complete the course.
7. The clinical rotation notebook will be assigned a grade and averaged with the other scores. The notebook questions should be answered thoroughly or points will be deducted.

The average **must** be 70 or greater to continue in the MLT program of study. Professionalism as outlined in MLT 101, and attendance **must** be satisfactory for the final grade to be given.

Grading Scale:

90 – 100	A
80 – 89	B
70 – 79	C
<70	F

Note:

If a student must be absent on the day of a test, he/she must notify the instructor prior to this time in order to be allowed to take a make-up test. A grade of 0 will be assigned if the instructor is not notified. If the student exceeds the 10% maximum absences as stated by the MLT department, this will result in his/her being dropped from the course and from the MLT program.