RARITAN VALLEY COMMUNITY COLLEGE
ACADEMIC COURSE OUTLINE

MLTC 250 Medical Laboratory Technology Seminar

I. Basic Course Information

A. Course Number and Title: MLTC 250 Medical Laboratory Technology Seminar

B. New or Modified Course: Modified

C. Date of Proposal: Semester: Spring Year: 2022

D. Effective Term: Fall 2022

E. Sponsoring Department: Science & Engineering

F. Semester Credit Hours: 2 credit

G. Weekly Contact Hours: 2 Lecture: 2
Laboratory: 0
Out of class student work per week: 4

H. Prerequisites: MLTC 120, MLTC 202, MLTC 210, MLTC 220, and MLTC 230, all with a grade of C or higher; or permission of the instructor

I. Laboratory Fees: No

J. Name and Telephone Number or E-Mail Address of Department Chair and Divisional Dean at time of approval:
Department Chair: Marianne Baricevic, Marianne.baricevic@raritanval.edu
Divisional Dean: Sarah Imbriglio, sarah.imbriglio@raritanval.edu

II. Catalog Description

Prerequisite: MLTC 120, MLTC 202, MLTC 210, MLTC 220, and MLTC 230, all with a grade of C or higher; or permission of the instructor. This is a student-focused, capstone discussion course that will integrate the topics and concepts of the MLT program. Emphasis will be on reflection of the clinical experience and the MLT program in general. Job placement, certification and exam preparation will be addressed.

III. Statement of Course Need

A. This is the capstone course and is required for the Medical Laboratory Technology program.

B. There is no lab.

C. This course generally transfers as a Free Elective, but it may transfer as a Program Elective to schools that offer a B.S. degree in Clinical Laboratory Science.

IV. Place of Course in College Curriculum

A. Free Elective
B. This course meets a program requirement for the Associate of Applied Science degree program in Medical Laboratory Technology
C. To see course transferability: a) for New Jersey schools, go to the NJ Transfer website, www.njtransfer.org; b) for all other colleges and universities, go to the individual websites.

V. Outline of Course Content

A. Clinical rotations
B. MLT course requirements
C. Certification exam process
D. Resume writing
E. Current trends in MLT
F. Literature review and database use

VI. General Education and Course Learning Outcomes

A. <u>General Education Learning Outcomes:</u>

At the completion of the course, students will be able to:

1. Reflect and discuss relevant experiences in the clinical rotations and the entire program (NJ-GE 1).
2. Discuss and demonstrate the use of current events and professional literature to maintain currency in the field (NJ-GE 1, IL*).

(*Embedded critical thinking)

B. Course Learning Outcomes:

At the completion of the course, students will be able to:

1. Prepare a resume and cover letter appropriate for a position in a MLT lab setting.
2. Identify personal areas of strength and weaknesses in preparation for certification exams.
3. Discuss strategies to succeed in a new clinical laboratory career.

C. Assessment Instruments

1. research papers
2. demonstrations
3. essays
4. journals
5. portfolios
6. computer programs
7. practice tests

VII. Grade Determinants

A. research papers
B. demonstrations
C. essays
D. journals
E. portfolios
F. computer programs
G. practice tests

The primary formats, modes, and methods for teaching and learning that may be used in the course:

A. lecture/discussion
B. small-group work
C. computer-assisted instruction
D. guest speakers
E. student oral presentations
F. simulation/role playing
G. student collaboration
H. independent study

VIII. Texts and Materials

A. Web sources

(Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.)

IX. Resources

A. Computers with internet access.
B. RVCC library databases.

X. Honors Options

An Honors Option is not available for this course.