Course Number and Title	ML 205 MLT Seminar

Credit Hours	2 Credit Hours

Prerequisite(s) and/or Corequisite(s)	Prerequisite: ML 201 and ML 202 Co-requisite: ML 210.

Course Description	This capstone course is an individual and directed review of MLT program courses in preparation to taking MLT/CLT certification examinations. This course may have guest speakers and include discussions on current, special, and work related topics. Case studies will be utilized to help students better understand and think critically concerning various medical laboratory science topics. Additionally, there will be a review of the process related to procuring a job in the field of Medical Laboratory Technology as well as role transition from student to professional.

Required Textbooks/References/Course Materials:

BOC Study Guide: Clinical Lab Certification (Supplemental Text)	6th		ASCP Press	0891896600
Clinical Laboratory Science Review	6th	Jarreau, P.	LSUMC Foundation	967043441

	General Education Outcomes
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

	Program/Department Outcomes
1	Graduates will demonstrate skills, knowledge and proper attitudes to realize a career as entry level Medical Laboratory Technicians in hospitals and other health care environments.
2	Graduates must demonstrate professionalism and conduct that reflects safe, legal, and ethical behavior.
3	Graduates will have the necessary knowledge to be able to pass a national certification examination.
4	Graduates must be able to communicate in a facilitative, purposeful and respectful manner with patients, families, colleagues, and other members of the health care team.
5	Graduates will have knowledge of prospective job information in an effort to achieve 100% placement within 3 months of graduation or for continuing their undergraduate education in medical technology or other field of their choice.

	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Analyze and interpret difficult topics studied throughout the MLT program in preparation for taking various types of certification examinations.	C – Analyzing (4)	1, 3	0	0	0	1	1	0
2	Prepare for job interviews, which includes preparing a resume and Identifying important aspects related to the procurement of a position as an MLT.	C – Evaluating (5)	1 2, 5	1	1	0	1	0	0
3	Comprehend the different routes for continuation of a career or education in Medical Laboratory Technology.	C - Understanding (2)	2, 5	0	0	0	1	0	0
4	Recognize the importance of lifelong continuing education and self-growth in the area of Medical Laboratory Technology to remain current in this rapidly changing profession.	A – Valuing (3)	2, 5	0	0	0	1	0	0
5	Identify principles and practices of quality laboratory management.	C – Remembering (1)	1-3	0	0	0	1	0	0
6	Correlate and evaluate data provided through case studies towards formulating patient diagnosis and care.	C – Evaluating (5)	1, 3	0	0	0	1	1	0
7	Utilize cooperative learning skills towards gaining greater knowledge and understanding of subject matter.	A – Organization (4)	1, 3, 4	0	0	0	1	0	0

Bloom's Domain Legend
C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend
2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
Reviewed: October 29, 2021