

- MLTS 1360 Histology VI** (1-0-1)
 Seminars in Histology: Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems and management principles.
 Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330.
 Offered: Spring, Summer.
- MLTS 2010W Medical Laboratory Technology III** (2-0-2)
 This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states.
 Prerequisites: BIOL 2115K, Admission into the MLT Program or permission of Program Director.
 Offered: Summer; online and traditional options.
- MLTS 2010L Medical Laboratory Technology III LAB** (0-6-2)
 The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology.
 Prerequisite: BIOL 2115K.
 Offered: Summer; online and traditional options.
- MLTS 2020W Medical Laboratory Technology IV** (3-0-3)
 An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized.
 Prerequisite: CHEM 1212K.
 Corequisite: MLTS 2020L.
 Offered: Summer; online and traditional options.
- MLTS 2020L Medical Laboratory Technology IV LAB** (0-3-1)
 The laboratory component is used to develop the skills and competencies required to operate and standardize instruments utilized in the performance of chemical tests. The use of quality control is emphasized.
 Corequisite: MLTS 2020W.
 Offered: Summer; online and traditional options.
- MLTS 2630 Medical Laboratory Technology Externship** (0-36-15)
 Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor.
 Prerequisites: MLTS 1160, MLTS 1161, MLTS 2010, MLTS 2020.
 Offered: Fall.