

## MLT1227 - Biological Fluids

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| Credits:           | 1 (1/0/0)   |
| Description:       | This is an introductory course for Medical Laboratory Technology students. The course is an overview of the urinary system in health and disease. The course also includes study of other body fluids including cerebral spinal fluid, amniotic fluid, serous fluid, synovial fluid, sputum, semen and feces.   |
| Prerequisites:     | <ul style="list-style-type: none"><li>• Admission to the MLT program</li></ul>  |
| Corequisites:      |   |
| Pre/Corequisites*: | <ul style="list-style-type: none"><li>• MLT1228</li></ul>   |
| Competencies:      | <ol style="list-style-type: none"><li>1. Describe the anatomy and physiology of the kidneys.</li><li>2. List handling and preservative techniques for urine, feces, spinal fluid, synovial fluid, sputum, amniotic fluid, seminal fluid and serous fluid.</li><li>3. Describe the composition of urine, feces, spinal fluid, synovial fluid, sputum, amniotic fluid, seminal fluid and serous fluid.</li><li>4. Categorize the origin of urine, feces, spinal fluid, synovial fluid, sputum, amniotic fluid, seminal fluid and serous fluid.</li><li>5. Evaluate quality assurance and quality control involved in urine and body fluid analysis.</li></ol> |
| MnTC goal areas:   | None  |

*\*Can be taking as a Prerequisite or Corequisite.*