

# MDCA1553: Diagnostic Procedures, Hematology, Urinary System & Medical Billing

**Credit Hours:** 5

**Clock Hours:** 55/40/0

The course introduces various administrative skills and medical billing. Students will learn medical terminology, anatomy & physiology, and common diseases and disorders of the urinary body system. They learn about the clinical laboratory and the associated safety and regulatory guidelines. They explore diagnostic procedures to include the collection, processing, and testing of blood (venipuncture and capillary punctures) and urine specimens as related to basic hematology and microbiology used in the physician's office laboratory. Students will apply positive communication skills and perform vital sign procedures. In addition, students will learn essential skills in financial literacy, working with patients with Autism Spectrum Disorder, and effective communication in the workplace.