A. Course Description

- **Credits:** 4.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 2.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:**
  - MDAS 1702: Pharmacology and Math for Medical Assistants
- **MnTC Goals:** None

This course builds on the basic skills learned in Laboratory Skills I and covers the basic laboratory testing done in many clinic labs. The student will participate in waived and moderately complex testing in the areas of chemistry, immunology, microbiology, hematology, coagulation, and urinalysis. The course will also cover electrocardiology as practiced in the clinic. The end of the course will simulate the operation of a clinic laboratory from specimen collection to result. Prerequisite: MDAS1125. Coerequisite MDAS1702

B. Course Effective Dates: 9/27/19 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Apply knowledge of structure and function of the human body across the lifespan.
2. Measure and record vital signs from the pediatric, geriatric, and obstetrics and gynecology patient populations.
3. Perform patient testing
4. Demonstrate competence in patient education in various patient populations.
5. Participate in service learning project.
6. Document appropriately in electronic health record
7. Improve patient intake skills and apply previous skills learned in Clinical Procedures I.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
F. **Learner Outcomes Assessment**
   As noted on course syllabus

G. **Special Information**
   None noted