



## LABORATORY SKILLS I — MDAS 1125

### A. Course Description

- **Credits:** 4.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 2.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:**
  - MDAS 1132: Clinical Procedures I
- **MnTC Goals:** None

This course introduces the student to the clinical lab setting found in a physician's office. It includes safety and emergency practices, professionalism, basic math, weights, measurement, quality control and quality assurance. It also covers skill development in the performance of blood collection methods using proper techniques and standard precaution. The student will be trained to perform evacuated tube, syringe, and butterfly needle venipuncture and dermal puncture. Performance will be on adults only; infant and child methods will be simulated. Emphasis will be placed on infection control, patient identification, proper labeling, and quality assurance. Students will be expected to participate as both a phlebotomist and a patient. Prerequisites: Acceptance to the Medical Assistant Program, concurrent HEAL 1101

### B. Course Effective Dates: 8/27/12 – Present

### C. Outline of Major Content Areas

As noted on course syllabus

### D. Learning Outcomes

1. The student will be able to describe and display the characteristics of professionalism required as a Medical Assistant.
2. The student will be able to identify and comply with laboratory safety procedures.
3. The student will be able to identify specimen collection equipment and use the equipment to perform collection procedures according to standard laboratory practice and OSHA regulations.
4. The student will be able to perform basic math computations and measurements in English and metric units.
5. The student will describe lab structure, lab equipment, describe and use laboratory documentation and complete laboratory orders applying quality assurance measures.

**E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

**F. Learner Outcomes Assessment**

As noted on course syllabus

**G. Special Information**

None noted