

**Western Dakota Technical Institute  
800 Mickelson Drive  
Rapid City, SD 57703-4018**

**Master Syllabus**

**Course Number:** PH 126  
**Course Name:** Laboratory Assistant Techniques  
**Credits:** 2  
**Contact Hours:** 2 Lecture

**Course Description:** This course provides training for the clinical laboratory assistant including laboratory safety, equipment and instrumentation, basic laboratory mathematics, regulations and standards, quality assurance practices, record keeping and billing, specimen processing, and CLIA waived and point-of-care laboratory testing.

**Prerequisites:** HC 213, HC 114, PH 125

**Co-requisites:** PH 105

**Textbooks:** <http://bookstore.wdt.edu>

**Materials:** Calculator

**Student Learning Outcomes:**

- Understand quality assurance and safety measures to laboratory testing
- Relate various waived laboratory test results to the patient's clinical condition
- Describe various waived laboratory tests and functions within the scope of practice of a laboratory assistant
- Describe moderately complex testing

**Assessment:** Students' life skills, analytical skills, communication skills, technology skills, teamwork techniques, and employability will be assessed throughout this course.

**ADA Accommodations:** Students Rights to Assistance or Accommodations: Western Dakota Technical Institute (hereinafter WDT) does not discriminate on the basis of disability. If you have a disability as defined by federal or state law, including a temporary disability related to pregnancy and/or parenting as a result of a medical necessity due to childbirth, WDT will provide reasonable accommodations including but not limited to architectural access, aids and services necessary for effective communication, and modification of its policies and procedures. Students with a disability who are requesting an accommodation should contact your instructor and the Student Success Director who serves as the disability coordinator as early as possible in the semester.

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