

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

Master Syllabus

Course Number: MLT 205
Course Name: Immunology
Credits: 3
Contact Hours: 3 Lecture

Course Description:

This course covers the basic theory and principles of the immune system including antigens, antibodies, origin, stimulation, and body response and rejection. Immunoglobulins, complement, and classification of immunity will be presented. Serological techniques and procedures will be performed.

Pre- or Co-requisite: HC 114

Grade Requirement: A minimum grade of C must be earned in this course to be eligible to graduate from the Medical Laboratory Technician Program and to progress to the MLT clinical practicum.

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

Materials: None

Student Learning Outcomes:

- Describe the fundamental components of the Immune System and Immunity.
- Explain how the Immune System functions to prevent bacterial, viral, parasitic, and fungal infections.
- Demonstrate how various lab techniques aid in the diagnosis of infectious diseases and clinical disorders.

Assessment: Student's analytical skills, communication skills, technology skills, teamwork techniques, and employability will be assessed throughout this course.

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