

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

**Master Syllabus**

**Course Number:** MTS124  
**Course Name:** Disease Processes I  
**Credits:** 3  
**Contact Hours:** 3 lecture hours

**Course Description:** This course is offered for students entering allied health careers for students interested in learning the fundamentals of human disease. This course also introduces important terminology, the study of disease, inflammation and allergy, neoplasia, heredity and disease, and dietary factors and disease, as well as the major diseases associated with each body system and the role stress and aging play in health and disease. Students are also introduced to the concept of wellness.

**Prerequisites:** HC114, HC213, and HC215 or Program Approval

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

**Materials:** Internet access

**Student Learning Outcomes:**

- Explain normal body structure and function as well as characteristics of diseases in the following body systems and/or disease processes: immune, infectious, cancer, heredity and disease, cardiovascular, and blood.
- Identify signs, symptoms, etiology and treatment of mental and physical illnesses and disease processes.
- Research body systems and diseases process within body systems.
- Utilize correct medical terminology.

**Assessment:** The course will assess the following core abilities: analytical skills, technology skills, teamwork techniques, social values, and employability.

**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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