Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

**DEPT.**  **HC**  **COURSE NUMBER:**  **2120**

**NUMBER OF CREDITS:**  **3**  **Lecture:**  **3**  
**Lab:**  

<table>
<thead>
<tr>
<th>Course Title:</th>
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<tbody>
<tr>
<td>Disease Conditions</td>
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<tr>
<th><strong>Catalog Description:</strong></th>
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<td>Disease Conditions introduces basic principles of disease and includes the study of disease by body system. The signs and symptoms, etiology, diagnosis, and treatment of each disease is explored; and prevention of disease is emphasized. Medical terminology and anatomy/physiology knowledge acquired in previous courses is applied.</td>
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**FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)**

Goal 1: Communication:  ____ by meeting the following competencies:

Goal 2: Critical Thinking:  ____ by meeting the following competencies:

Goal 3: Natural Sciences:  ____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning:  ____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences:  ____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts:  ____ by meeting the following competencies:

Goal 7: Human Diversity:  ____ by meeting the following competencies:

Goal 8: Global Perspective:  ____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility:  ____ by meeting the following competencies:

Goal 10: People and the Environment:  ____ by meeting the following competencies:

**Prerequisites or Necessary Entry Skills/Knowledge:**
### Topics to be Covered (General)

Disease and disease-producing microorganisms. Body immunity, defenses and vaccines. Disease prevention. The signs and symptoms, etiology, diagnostic testing and treatment of common disease conditions of the following body systems: integumentary, musculoskeletal, nervous, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive.

### Student Learning Outcomes

*2-3 Learning outcomes per credit
*Must be observable
*Must be measurable
*Must specify an action that is done by student learners
*More specific objectives can be identified on instructor syllabi for the course
*Must begin with an action verb

1. Define disease terminology.
2. Understand direct and predisposing causes of disease conditions.
3. List types and characteristics of microorganisms.
4. Explain the cycle of infection.
5. Discuss body defenses and immunity.
7. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the integumentary system.
8. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the musculoskeletal system.
9. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the nervous system.
10. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the sensory system.
11. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the endocrine system.
12. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the circulatory system.
13. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the lymphatic system.
15. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the digestive system.
16. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the urinary system.
17. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the
reproductive system.

See SAMPLE EXPECTED LEARNING OUTCOMES STATEMENTS and ACTION VERB LIST FOR COURSE OUTCOMES in the Minnesota West Curriculum Development Manual which can be accessed at https://www.mnwest.edu/faculty-resources/curriculum-manual

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<tr>
<th>Is this course part of a transfer pathway:</th>
<th>Yes ☐ No ☒</th>
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*If yes, please list the competencies below |

Revised 1/2020