COURSE SYLLABUS
Southeast MO State University

Department of Nursing
Title of Course: Pathophysiology
Course No. NS374
Revision: ____
New: _X_

I. Catalog Description and Credit Hours
   Effect of pathology on normal body processes. Includes genetic and environmental risk
   factors, manifestations, and treatment modalities. (3 credit hours)

II. Prerequisite(s):
   Satisfactory completion of pre-nursing requirements and formal admission into the BSN program.
   Co-requisites: NS371, NS372, NS373

III. Course Objectives:
   A. Explore the effect of genetics and the environment in various diseases and disorders.
   B. Describe the range of cellular and tissue responses to injury and repair.
   C. Describe alterations in immunity, cellular proliferation, and cellular specialization.
   D. Explain alterations in fluid status, nutrition, and acid-base balance.
   E. Describe alterations in cardiac, pulmonary, metabolic, renal, and neuronal function.

IV. Expectations of Students:
   A. Complete assigned readings prior to class lectures and discussions.
   B. Ask instructor for clarification as needed with course content presented in course textbook, class
      lectures, or course webpage.
   C. Regular class attendance.
   D. Fulfillment of all requirements as outlined in the BSN Student Handbook.
   E. Civility:
      "Every student at Southeast is obligated at all times to assume responsibility for his/her actions, to respect
      constituted authority, to be truthful, and to respect the rights of others, as well as to respect private and
      public property. In their academic activities, students are expected to maintain high standards of honesty
      and integrity and abide by the University's Policy on Academic Honesty. Alleged violations of the Code of
      Student Conduct are adjudicated in accordance with the established procedures of the judicial system."
   F. ADA:
      "Any student who believes that they may need an academic accommodation based on the impact of a
      disability should contact the instructor to arrange an appointment to discuss their individual needs.
      Instructors rely on Disability Support Services for assistance in verifying the need for academic
      accommodations and developing accommodation strategies. Students who have not already registered with
      Disability Support Services as a student with a disability will be encouraged to do so." In other words,
      accommodations do not have to be given unless the disability is verified by Disability Support Services
      (Contact office at ext. 2273)
V. Course Content:

A. Introduction and cellular and tissue processes of injury and repair. (3 hours)

B. Inflammation and Wound Repair (3)

C. Alterations in Immunity and Infection (6)

D. Alterations in Cellular Proliferation and Differentiation (6)

E. Genetic and Developmental Disorders (6)

F. Alterations in Fluid, Nutrition, Electrolyte, and Acid-Base Balance (3)

G. Alterations in Ventilation and Diffusion (3)

H. Alterations in Perfusion (4)

I. Alterations in Elimination (3)

J. Alterations in Hormonal and Metabolic Regulation (4)

K. Alterations in Neuronal Transmission (4)

Total 45 hours

VI. Textbook(s) and/or Other Required Materials:


VII. Basis for Student Evaluation:

A. Unit Exams (3)…………. 50%

B. Final Exam ………………30%

C. Quizzes (6 – 8)………….. 20%

The grading scale for the Department of Nursing is:
<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>92% - 100%</td>
<td>A</td>
</tr>
<tr>
<td>83% - 91%</td>
<td>B</td>
</tr>
<tr>
<td>*75% - 82%</td>
<td>C</td>
</tr>
<tr>
<td>66% - 74.9%</td>
<td>D</td>
</tr>
<tr>
<td>0% - 65%</td>
<td>F</td>
</tr>
</tbody>
</table>

*75% is the absolute minimum “C”; grades of 74.5-74.9 will **not** be rounded up to 75.

75% refers to 75% of **total points** possible in the course, which includes tests, quizzes, and additional graded assignments.