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### NRSG 256.01: Pathophysiology

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# NRSNG 256

## Pathophysiology

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Fall 2017

Class: Wednesdays 12-1450 Room 445

Semester Credits: 3

Instructor: Ginger Sillars MSN, RN, CPN

E-Mail: ginger.sillars@mso.umt.edu

Phone: 243-7863

Office: Room 305

Office Hours: Tuesday 1300-1500 & Thursday  
1200-1400 and by appointment

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### Course Description

This course will introduce the student to the basic principles and processes of pathophysiology include cellular communication, genes and genetic disease, forms of cellular injury, fluid & electrolyte/acid base balance, immunity, stress coping and illness, and tumor biology. Pathophysiology of the most common alterations according to body system will also be discussed as well as the latest developments in research related to each area.

### Expected Student Course Outcomes and Objectives

Upon completion of this course, the student will be expected to:

1. Promote an environment conducive to **Human Flourishing**, characterized by building a relationship with the patient in an effort to maintain human dignity, self-determination and growth, while meeting the healthcare needs of patient characterized by the student being able to:
  - a. Define and understand the basic concepts associated with pathophysiology.
2. Understand rationale for **Nursing Judgments** used in planning and providing safe and effective patient care characterized by the student being able to:
  - a. Define and understand the framework utilized in pathophysiology and identify its importance to clinical practice.
  - b. Understand and explain underlying pathophysiology of common alterations in the individual body systems.
3. Demonstrate **Professional Identity** characterized by assessing personal behavior strengths and values affecting one's identity as a nurse while being responsible for personal actions, performance, and contributions as a member of the health care team, characterized by the student being able to:
  - a. Participate in class activities and actively seek learning opportunities to meet personal and course objectives.
4. In **Spirit of Inquiry**, function as a member of multidisciplinary health care team demonstrating the ability to evaluate self and work ethically with others in a diverse population, characterized by the student being able to:
  - a. Explore and evaluate the latest research findings and understand

### Required Text:

Capriotti, T. & Frizzell, J.P. (2016).  
*Pathophysiology: Introductory concepts and clinical perspectives*.  
Philadelphia, PA: F.A. Davis Company

### Academic Conduct

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**All Students must practice academic honesty. Academic misconduct, including plagiarism, cheating, and classroom misconduct is subject to an academic penalty by the course instructor(s) and /or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review on the University website.**

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their importance in clinical practice.

## Course Policies and Course Evaluation

1. Policies related to attendance, tardiness, class participation, missed examinations or assignments, academic dishonesty, grading, Grade Appeal Procedure, and support services are included in the Nursing Student Handbook. *It is the responsibility of each individual student to read and be familiar with the student handbook.*

2. Course requirements listed must be completed in order to pass the course. **A student must have a grade of at least 80% in order to receive a passing grade and continue in the nursing program.**

3. Regular attendance and participation is expected as part of professional behavior. In the event of a student being unable to attend class, prior notification to the faculty is appreciated and requested. Repeated absences from class will affect the student's professionalism grade.

4. Tests/quizzes are to be taken at the times they are scheduled. In the event a test must be missed, **prior notification to faculty member is required.** *Any quiz/exam missed without prior notification of the instructor will be graded as a "zero". No makeup exam/quiz will be allowed in this instance.* Arrangements will need to be made for testing with faculty member or testing center and will be allowed at the discretion of the instructor. Exams will be held in class or on Moodle at specified times listed in course outline. Unless specifically announced by the instructor, unit test, quizzes or exams are **NOT** open book or open note tests. Moodle quizzes/exams will be open for 24 hours.

5. Paperwork Due Dates: Late assignments will only be accepted if the student notifies the instructor **before** the due date- at the discretion of the instructor. An assignment that is more than 24 hours late, regardless of prior notification, will have a minimum 10% reduction to the final grade for that assignment.

6. All email correspondence must be made through an official university email account. No private emails will be responded to.

7. File naming protocol: When submitting files online (i.e. assignments) use the following protocol: *last name* followed by underscore followed by the *week* followed by *short title of document*. For example: Sillars\_W2\_assignment#1

8. Note: Instructor reserves the right to modify syllabus and assignments as needed based on faculty, student, and/or environmental circumstances.

### **Recording of Classes:**

Lecture recording is not allowed without prior consent of the instructor. Recorded lectures are not allowed to be re-broadcast in any way. Any material discussed, in class or in online discussion groups, is considered **confidential**. If a student breaks this policy, it will be considered academic misconduct.

### **Students with Disabilities:**

Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please speak with me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator and to make appropriate testing arrangements. The University of Montana assures equal access to instruction through collaboration between students with

disabilities, instructors, and Disability Services for Students (DSS). “Reasonable” means the University permits no fundamental alterations of academic standards or retroactive modifications. For more information, please consult Disability Services for Students: [dss@umontana.edu](mailto:dss@umontana.edu) or 406-243-2243.

**QSEN:**

QSEN (Quality and Safety Education for Nurses) is integrated throughout the curriculum. The six QSEN competencies are: safety, patient-centered care, teamwork & collaboration, evidenced-based practice, quality improvement, and informatics. There are a total of 162 KSAs (knowledge, skills and attitudes) associated with these six competencies that will be introduced throughout the curriculum. There may be QSEN classroom assignments that will address these competencies throughout the semester.

**Methods of instruction:**

Text and other selected reference readings  
Lecture and class discussion  
Case studies and class activities

**Method of Evaluation of Student Learning:**

Quizzes and Exams  
Case Study discussion  
QSEN assignments  
Professionalism/participation

**Breakdown of Grade**

Pre-lecture Quizzes = 15%  
Exams (5) = 50%  
Assignments = 30%  
Participation/Professionalism = 5%

**NOTE: In order to successfully complete this course and proceed in the nursing program a student must earn a minimum of 80%.**

**GRADING SCALE:**

A = 90 – 100%  
B = 80 – 89%  
C = 70 – 79%  
D = 60 – 69%  
F = <60%