

This syllabus is provided as a general informational guide. Some of the information may vary depending on the specific course section and instructor. Different sections of the same course may require different textbooks. Verify the section specific textbook information in the CUNY's Academic Course Schedule Web Page. Modifications of the grading system presented here will be communicated by the instructors of the sections when they meet the class.

BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Pathophysiology SCI 510

Lecture hours: 3 Credits: 3

Instructor Information:

Course Description: This course studies alterations of normal physiological processes. Included in the course are the basic principles of pathophysiology as well as application of these principles to specific organ systems.

Prerequisites/Co-requisites: BIO 426 & CHE 118 or CHE 121, or departmental approval

Course Student Learning Outcomes	Measurements
1. Students will be able to understand the basic principles of pathophysiology	1. Quizzes and examinations.
2. Students will be able to understand specific diseases in the context of normal anatomy of the system (s) effected	2. Quizzes and examinations.
3. Students will be able to understand the etiology, pathology and treatment of specific diseases.	3. Quizzes and examinations.

Text & Readings: *Understanding Pathophysiology 7th Edition, SE Huether, KL McCance & VL Brashers*
ISBN: 9780323354097

Evaluation of Students: Your grade will be calculated as follows:

Coursework/assignments –:

Includes, quizzes (one per lecture) and case studies/ coursework/assignments.

Examinations –

You **MUST** submit a final.

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APPROX TOPIC (subject to change)

<u>WEEKS</u>	<u>TOPICS</u>
1	Introduction- basic principles
2	Concepts of disease
3	Cell injury and neoplasia
4	Hematologic system
5	Cardiovascular system
6	Pulmonary system
7	Diseases of the digestive system
8	Pancreatic and liver disease
9.	The renal and urologic systems
10	Kidney disease and diabetes
11	The neurologic system esp. Alzheimer's disease
12	The endocrine system
13	Disorders of the musculoskeletal system- bone
14	Disorders of the musculoskeletal system- muscle
15	Final Examination

EXAM SCHEDULE

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BMCC is committed to the health and well-being of all students. It is common for everyone to seek assistance at some point in their life, and there are free and confidential services on campus that can help.

Single Stop

www.bmcc.cuny.edu/singlestop, room S230, 212-220-8195. If you are having problems with food or housing insecurity, finances, health insurance or anything else that might get in the way of your studies at BMCC, come by the Single Stop Office for advice and assistance. Assistance is also available through the Office of Student Affairs, S350, 212-220- 8130.

Counseling Center

www.bmcc.cuny.edu/counseling, room S343, 212-220-8140. Counselors assist students in addressing psychological and adjustment issues (i.e., depression, anxiety, and relationships) and can help with stress, time management and more. Counselors are available for walk-in visits.

Office of Compliance and Diversity

www.bmcc.cuny.edu/aac, room S701, 212-220-1236. BMCC is committed to promoting a diverse and inclusive learning environment free of unlawful discrimination/harassment, including sexual harassment, where all students are treated fairly. For information about BMCC's policies and resources, or to request additional assistance in this area, please visit or call the office, or email olevy@bmcc.cuny.edu, or twade@bmcc.cuny.edu. If you need immediate assistance, please contact BMCC Public safety at 212-220-8080.

Office of Accessibility

www.bmcc.cuny.edu/accessibility, room N360 (accessible entrance: 77 Harrison Street), 212-220-8180. This office collaborates with students who have documented disabilities, to coordinate support services, reasonable accommodations, and programs that enable equal access to education and college life. To request an accommodation due to a documented disability, please visit or call the office.

Class Participation

Participation in the academic activity of each course is a significant component of the learning process and plays a major role in determining overall student academic achievement. Academic activities may include, but are not limited to, attending class, submitting assignments, engaging in in-class or online activities, taking exams, and/or participating in group work. Each instructor has the right to establish their own class participation policy, and it is each student's responsibility to be familiar with and follow the participation policies for each course.

BMCC Policy on Plagiarism and Academic Integrity Statement

Plagiarism is the presentation of someone else's ideas, words or artistic, scientific, or technical work as one's own creation. Using the idea or work of another is permissible only when the original author is identified. Paraphrasing and summarizing, as well as direct quotations, require citations to the original source. Plagiarism may be intentional or unintentional. Lack of dishonest intent does not necessarily absolve a student of responsibility for plagiarism. Students who are unsure how and when to provide documentation are advised to consult with their instructors. The library has guides designed to help students to appropriately identify a cited work. The full policy can be found on BMCC's Web site, www.bmcc.cuny.edu. For further information on integrity and behavior, please consult the college bulletin (also available online).