

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**

City University of New York

**Department of Science**

**Title of Course** PATHOPHYSIOLOGY  
**SCI 510 Section** \_\_\_\_\_

**Class hours** 3  
**Lab hours (if applicable)**

**Credits** 3

**Instructor Information**

**Name:**

**Office:**

**Room:**

**Email:**

**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 and CHE 118, or CHE 121, or departmental permission

**Student Learning Outcomes**

1. Students will be able to understand the basic principles of pathophysiology.
2. Students will be able to understand specific diseases in the context of the normal Anatomy and Physiology of the system (s) effected.
3. Students will be able to understand the etiology, pathology, and treatment of specific diseases.

**Required Text & Readings**

*Pathophysiology Concepts and Applications for Health Care Professionals, 3rd Edition Nowak and Hanford, McGraw Hill Publishing*

**Other Resources**

**Use of Technology (if applicable)**

**Evaluation & Requirements of Students**

Examination and Quizzes = 100%

**Outline of Topics**

- | <b>Weeks</b> | <b>Topics</b>                      |
|--------------|------------------------------------|
| 1.           | Introduction – Basic Principles    |
| 2.           | Liver Disease                      |
| 3.           | Gallbladder and Pancreatic Disease |
| 4.           | Gastrointestinal Disease           |
| 5.           | Kidney Disease                     |
| 6.           | Respiratory Disease                |
| 7.           | Cardiac Disease                    |
| 8.           | Hypertensive Disease               |
| 9.           | Diabetes                           |

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10. Neurological Disease
11. Skeletal Muscle Disease
12. Bone Disease

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](http://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](http://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](http://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](mailto:olevy@bmcc.cuny.edu), or [twade@bmcc.cuny.edu](mailto: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](http://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.

#### **College Attendance Policy**

At BMCC, the maximum number of absences is limited to one more hour than the number of hours a class meets in one week. For example, you may be enrolled in a three-hour class. In that class, you would be allowed 4 hours of absence (not 4 days). In the case of excessive absences, the instructor has the option to lower the grade or assign an F or WU grade.

#### **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](http://www.bmcc.cuny.edu). For further information on integrity and behavior, please consult the college bulletin (also available online).