

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: ALHT 206

Credit Hours: 3

Course Title: Pathophysiology

Prerequisite: BLYG 110 or BLGY 120 or BLGY 230

Textbook: Zelman, Mark; Human Diseases: A Systemic Approach, 8th edition

Course Description:

This course focuses on specific disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention. An overview of the disease process, infectious diseases, neoplasms, and congenital diseases are also presented.

Learning Outcomes:

At the end of this course, the student will

- A. relate major diseases of the human body with respect to etiology, signs and symptoms, disease process, diagnosis, prognoses, treatment and prevention.

To achieve the learning outcomes, the student will

1. discuss an overview of the disease process and mechanism of disease. (A)
2. discuss implications for disease and disability when homeostasis is not maintained. (A)
3. describe basic cell pathology. (A)
4. describe infectious diseases and five examples. (A)
5. describe the process of inflammation (A)
6. discuss the characteristics of neoplasms. (A)
7. describe congenital diseases and give examples. (A)
8. identify common pathology related to each body system including signs, symptoms, and etiology. (A)
9. analyze pathology for each body system including diagnostic measures and treatment modalities. (A)
10. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of mental health diseases. (A)
11. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of urinary system and fluid and hemodynamic diseases. (A)

12. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of reproductive diseases. (A)
13. describe the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of digestive system diseases. (A)
14. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of respiratory system diseases. (A)
15. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of circulatory system diseases. (A)
16. describe the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of nervous system diseases. (A)
17. discuss the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of endocrine system diseases. (A)
18. discuss the disease processes, etiology, signs and symptoms diagnostic procedures, treatments, prognoses, and prevention of musculoskeletal diseases. (A)
19. discuss the disease processes, etiology, signs and symptoms diagnostic procedures, treatments, prognoses, and prevention of skin diseases. (A)
20. describe the disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses, and prevention of eye and ear diseases. (A)
21. discuss pain and its management. (A)
22. discuss the holistic approach to disease. (A)
23. write a brief research paper describing a selected pathology. (A)

Minimum Course Requirements: To earn a grade of “C” or higher the student must earn 70% of the total points for the course and meet all of the following course requirements.

- satisfactory research paper or presentation on a selected pathology as exhibited by scoring at least 7 out of 10 for all components within the grading criteria on an instructor-generated rubric
- minimum average of 70% on tests including the comprehensive final exam
- minimum score of 70% on the Comprehensive Final Exam for students enrolled in the online format of this course
- students enrolled in this course in an online format will be required to take the comprehensive final exam on the BPCC campus or in an approved proctored setting.

Course Grading Scale:

- A- 90% or more of total possible points and meets all minimum course requirements
- B- 80% or more of total possible points and meets all minimum course requirements
- C- 70% or more of total possible points and meets all minimum course requirements
- D- 60% or more of total possible points and meets all minimum course requirements
- F- less than 60% of total possible points or fails to meet any minimum course requirement

Attendance Policy: The college attendance policy is available at <http://catalog.bpcc.edu/content.php?catoid=5&navoid=369#class-attendance>

Nondiscrimination Statement

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

Angie Cao, Student and Disability Services Specialist

Disability Services, F254, 6220 East Texas Street, Bossier City, LA 71111

318-678-6511

acao@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Reviewed by Wendy McGee April 2021