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#### COURSE DESCRIPTION

Pathophysiology is a four-course series that presents the fundamentals of biophysiological processes as they relate to the development of diseases and their manifestations.

Pathophysiology II covers the study of the etiology, pathologic mechanisms, and sequelae of disease processes involving the following Systemic and Organ systems:

1. Musculoskeletal Function and Rheumatology / Autoimmune Disease
2. Diseases of the Reproductive System

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#### LEARNING OBJECTIVES

Upon completion of this course the student will be able to:

- recognize common disorders of the circulatory, respiratory and renal systems
- explain major disease mechanisms of the above systems
- describe the pathologic changes of the above disorders

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#### COURSE PREREQUISITIES

Pathophysiology I

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#### REQUIRED TEXTS

***Pathophysiology***, 5th Edition, by Carol Porth, Lippincott, 1996

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#### RECOMMENDED TEXTS

***Pathophysiology***, 4th Edition, by Barbara Bullock, Lippincott, 1996

#### Reference Text

***Pathologic Basis of Disease***, by Robbins / Cotran, Saunders, 1999.

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#### COURSE REQUIREMENTS

##### Out-of-Class Work

To successfully complete the program, students need to plan studying a minimum of 2 hours out-of-class for each academic in-class hour; and half an hour out-of-class for each hour of clinical training.

50%= Mid-Term Examination

50%=Final Examination

Classroom lectures represent the instructor's emphasis and focus on certain aspects of the course material. The student is responsible for the assigned readings.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

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#### SPECIAL NOTES

**Professionalism and Full and Prompt Attendance:** To pass any course (separate from academic performance) all students must meet requirements for professionalism in coursework. Professionalism includes full and prompt attendance: Students who miss more than 2 class meetings in a 10-week course will earn an F in that course. Additionally, students who arrive more than 15 minutes to class or leave class before it ends will be marked tardy. Two tardies equal one absence. NOTE: Students who leave and return to class late from a break or leave during the class (especially if this is repeated) or who disrupt the class in other ways may be referred to the Academic Dean for

professionalism.

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CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)  
Skeletal Growth Disorders,  
Metabolic Bone Diseases

Porth - Chapter 46

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CLASS TWO  
Rheumatic Disorders  
SLE, RA, PSS

Porth - Chapter 47

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CLASS THREE  
Rheumatic Disorders (continued)  
Myofascial Pain Syndromes  
Fibromyalgia

Porth - Chapter 47

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CLASS FOUR  
Male Reproductive System & Genitourinary Disorders

Porth - Chapter 48,49

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CLASS FIVE  
**Mid-term Examination**

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CLASS SIX  
Female Reproductive System & Genitourinary Disorders

Porth - Chapter 50,51

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CLASS SEVEN  
Female Reproductive System (continued) & Sexually Transmitted Diseases

Porth - Chapters 51,52

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CLASS EIGHT  
Stress, Eating Disorders & Obesity

Porth - Chapter 53,54

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CLASS NINE  
Fatigue Syndromes & Temperature Regulation

Porth - Chapter 55,56

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CLASS TEN  
Developmental Processes & Disorders in Children and the Elderly

Porth - Chapter 57,58

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CLASS ELEVEN  
**Final Examination**

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REFERENCE MATERIAL

Course Code **WS274**  
3 Units  
30 Hours

**EMPEROR'S COLLEGE**  
**MTOM COURSE SYLLABUS**  
**PATHOPHYSIOLOGY IV**

**Nguyen, Thom**  
*Winter 2019*

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FACULTY INFO

Nguyen, Thom  
Please check with instructor during class to get updated contact info.

thomng99@yahoo.com

Thom Nguyen worked as an acupuncturist and physician in Vietnam and the Ivory Coast of West Africa. Dr. Nguyen served as volunteer acupuncturist and board member at Nhan Hoa Medical Clinic in Garden Grove. Dr. Nguyen teaches a number of courses in the MTOM Program including coursework in the Pathophysiology series; he also trains MTOM clinic interns as a Supervisor in the Emperor's Clinic as well as at the externship site at UCLA's Arthur Ashe Student Health Center.