

GRANDE PRAIRIE REGIONAL COLLEGE

DIPLOMA NURSING PROGRAM  
COURSE OUTLINE - FALL 1992 y

COURSE: PE 1000 STRUCTURAL ANATOMY 1992/93

INSTRUCTOR: PAUL LEMAY OFFICE J223  
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NATURE OF THE COURSE: PE 1000 considers the construction of the human body from cells through organ systems. The course is organized to complement Elementary Physiology PZ 1610.

EVALUATION:

Lecture:

Tests (multiple choice & short answer) 5 @ 6%	30%
Comprehensive lecture final examination	40%

Laboratory:

Tests 3 @ 5%	15%
Comprehensive laboratory final test	15%
	<u>100%</u>

For promotion from year one to year two of the program, a grade of "6" is required in this course.

TEXTBOOKS:

Hole, John W. Jr. 1990. Human Anatomy and Physiology, 5th Ed., Wm. C. Brown Company Publishers.

Hole, John W. Jr. 1990. Laboratory Manual Human Anatomy and Physiology, 5th Ed., Wm. C. Brown Company Publishers.

Hole, John W. Jr. 1990. Student Study Guide Human Anatomy and Physiology, 5th Ed., Wm. C. Brown Company Publishers.

## LECTURE OUTLINE

TOPICS	CHAPTER IN HOLE
1. Introduction	
Human physiology and anatomy .....	1
Characteristics of life	
Levels of organization	
Anatomical terminology	
2. Body Composition and Organization .....	3, 5
Cell types	
Tissues and organ systems	
Germ layers	
3. Skin and the Integumentary System .....	6
Skin	
Accessory structures	
4. Support and Movement	
Skeletal system .....	7, 8
Muscular system .....	9
5. Integration and Coordination	
Nervous system .....	10, 11
neurons and neuroglia	
anatomical divisions	
nerve pathways	
Endocrine system .....	13
general characteristics	
control of hormonal secretions	
survey of glands	

6.	Processing and Transport	
	Digestive system . . . . .	14, 15
	structure and function	
	organs of the digestive system	
	Respiratory system . . . . .	16
	organs of the respiratory system	
	Circulatory system . . . . .	17, 18
	anatomical divisions	
	heart structure	
	blood cell types	
7.	Elimination and excretion . . . . .	20
	Urinary system	
	Other systems	
8.	Somatic and Special Senses . . . . .	12
9.	Lymphatic System . . . . .	19
10.	Life Cycle . . . . .	22, 23
	Reproductive structures	
	Growth and development	