

**Ralph R. Willis Career and Technical Center
School of Practical Nursing
Anatomy and Body Structure**

	Time
Cell (PBL)	3.5
Final Exam Notebook	3.5

53 Hours integrated into Medical – Surgical Nursing

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Placement:	Semester 1
Course Hours:	60
Theory Hours (PBL):	7
Hours Integrated MS:	53
Clinical Hours:	NA

Textbooks

1. deWitt, Susan C. / Kumagai, Candice; Medical-Surgical Nursing Concepts & Practice Saunders/Elsevier; 3rd. edition; 2017.

Course Description

This course is designed to provide the student with knowledge of human anatomy and physiology starting from the molecular level and progressing to the level of integrated systems. Emphasis is on normal structure and homeostatic function of the human organism. Introductory content includes basic anatomical terminology, basic and biochemistry, cell structure and function, and tissues. The anatomy, histology, and physiology of the body systems will be integrated with medical-surgical nursing and are presented according to systems in a sequential manner from simple to complex. The student will utilize the information as a foundation in relation to medical-surgical areas. The student will explore the following systems: the immune and lymphatic systems, respiratory system, hematologic system, cardiovascular system, urinary system, gastrointestinal system, endocrine system, neurological system, and sensory systems.

Course Objectives

1. Define terminology relevant to anatomy & physiology.
2. Demonstrate understanding of the body systems as it relates to cells, tissue, and organs.
3. Identify structure, location, and function of each body system.
4. Explain the functions of each system of the body.
5. Demonstrate the inter-relationship between body systems.

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Clinical Practicum:

Completed in Acute and Long-Term Care.

Methods of Teaching:

1. Lecture, discussion, role playing emphasizing critical thinking
2. Videos
3. PowerPoint
4. Case Studies
5. Demonstration
6. Individual and Group Conference
7. Written Exams
9. Clinical Lab Practice/ Clinical Setting
10. Evaluations

Student Responsibilities:

1. Read assigned chapter.
2. Refer to and follow student monthly calendar for exam dates.
3. Attend lectures and demonstrations.
3. Complete activities as assigned.
5. Participate in class/lab activities.
6. Discuss critical thinking activities associated with the lesson.
7. Refer and follow the policies as outlined and discussed in the Student Handbook.
8. Pass exams with a grade of 80% or higher.

Methods of Evaluation

1. The following letter grade system is utilized for theory:
A 93 - 100
B 87 - 92
C 80 - 86
F 79 - 0
2. The following grading calculation is utilized for theory:
Exams 60% Quizzes 10% Final 30%
3. Evaluation Tools:
 - a. Oral Presentations
 - b. Written Exams
 - c. Laboratory Skills
 - d. Homework Assignments
 - e. Computer Exams
 - f. Clinical Skills
4. Make-up Exam:
A student who misses an exam must be prepared to take the exam upon immediate return or as designated by the instructor. Students will automatically have **5% deducted**. Students not making up exam on the designated schedule for make-up will receive a **(0) zero**.
5. Quizzes:

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Students who are absent during a quiz will receive a Zero. Quizzes are NOT made up.

6. See student monthly calendar for schedule of exam dates.
7. See Student Handbook for clinical grading guidelines.

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Integrated With Medical Surgical

Chapter 41	The Integumentary System Testing	3 hr. 1 hr.
Chapter 31	The Musculoskeletal System Testing	3 hr. 1 hr.
Chapter 27	The Gastrointestinal System Testing	4 hr. 1hr
Chapter 25	The Sensory System: Eye and Ear Testing	4 hr. 1hr
Chapter 21	The Neurologic System Testing	4 hr. 1hr
Chapter 17	The Cardiovascular System Testing	4 hr. 1hr
Chapter 15	The Hematologic System Testing	4 hr. 1hr
Chapter 12	The Respiratory System Testing	4 hr. 1hr
Chapter 10	The Immune and Lymphatic Systems Testing	4 hr. 1hr
Chapter 33	The Urinary System Testing	4 hr. 1hr
Chapter 35	The Endocrine System Testing	4 hr. 1hr

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**Cell Project (PBL)
3.5 HRS**

Students are to design, and build a human cell. Labeling each part of the cell.

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**Notebook (PBL)
3.5 HRS**

Students are to draw, color, and label images assigned from the Medical/Surgical Nursing Textbook.

Students will also list the function of each part labeled.