

**Ralph R. Willis Career and Technical Center
School of Practical Nursing
Anatomy and Physiology Syllabus**

Course Number:	9125
Course Hours:	60
Theory Hours (PBL):	8
Hours Integrated MS:	52
Clinical Hours:	NA

Textbooks

1. Stromberg, Holly K.; deWit's Medical-Surgical Nursing Concepts & Practice Saunders/Elsevier; 4th Edition; 2021.

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.

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

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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%
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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:

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.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 No School Spring Break	4 No School Spring Break	5 No School Spring Break	6 No School Spring Break	7 No School Spring Break	8
9	10 Professional Learning No School Students	11 A&P Cell 4HRS MS CH 1 2HRS	12 Med Surg. Clinical 6.5HRS	13 MS CH 1 Test 1HR MS CH 3 4HRS A&P Notebook 1HR	14 Med Surg. Clinical 6.5HRS	15 A&P – 5HRS MS – 7HRS MS C – 13HRS Total – 25HRS
16	17 Med Surg. Clinical 6.5HRS	18 MS CH 3 Test 1HR MS CH 4 2HRS MS CH 5 2HRS A&P Notebook 1HR	19 Med Surg. Clinical 6.5HRS	20 MS CH 4-5 Test 2HRS MS CH 6 3HRS A&P Notebook 1HR	21 Med Surg. Clinical 6.5HRS	22 A&P – 2HRS MS- 10HRS MS C – 19.5HRS Total – 31.5HRS
23	24 Med Surg. Clinical 6.5HRS	25 MS CH 6 Test 1HR MS CH 7 2HRS MS C 8 3HRS	26 Med Surg. Clinical 6.5HRS End 2 nd Trimester	27 MS CH 7-8 Test 2HRS MS CH 9 2HRS A&P Notebook 1HR Class Meeting 1.5HRS	28 Med Surg. Clinical 6.5HRS	29 A&P – 1HR MS – 10HRS MS C – 19.5HRS SD – 1.5HRS Total – 32HRS
30						

May

2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Med Surg. Clinical 6.5HRS	2 Student Evaluations 6HRS	3 Med Surg. Clinical 6.5HRS	4 MS CH 9 Test 1HR MS CH 42 2HRS MS CH 43 3HRS	5 Med Surg. Clinical 6.5HRS	6 SS – 6HRS MS – 6HRS MS C – 19.5HRS Total – 31.5HRS
7	8 Med Surg. Clinical 6.5HRS	9 MS CH 42 Test 1HR MS CH 43 1HR MS CH 10 4HRS	10 Med Surg. Clinical 6.5HRS	11 MS CH 43 Test 1HR MS CH 10 Test 1HR MS CH 11 4HRS	12 Med Surg. Clinical 6.5HRS	13 MS – 12HRS MS C – 19.5HRS Total – 31.5HRS
14	15 Med Surg. Clinical 6.5HRS	16 MS CH 11 Test 1HR MS CH 31 4HRS MS CH 32 1 HR	17 Med Surg. Clinical 6.5HRS	18 MS CH 31 Test 1HR MS CH 32 3HRS MS CH 12 2HRS	19 Med Surg. Clinical 6.5HRS	20 MS – 12HRS MS C – 19.5HRS Total – 31.5HRS
21	22 Med Surg. Clinical 6.5HRS	23 MS CH 32 Test 1HR MS CH 12 2HRS MS CH 13 3HRS	24 Med Surg. Clinical 6HRS	25 MS CH 12 Test 1HR MS CH 13 1HR MS CH 14 4HRS	26 Med Surg. Clinical 6HRS	27 MS – 12HRS MS C – 18.5HRS Total – 30.5HRS
28	29 No School Memorial Day	30 MS CH 14 Test 1HR MS CH 15 4HRS Class Meeting 1.5HRS	31 Med Surg. Clinical 6HRS			MS – 5HRS MS C – 6HRS SD – 1.5HRS Total – 12.5HRS

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 MS CH 15 Test 1HR MS CH 16 4HRS MS CH 17 1HR	2 Med Surg. Clinical 6.5HRS	3 MS – 6HRS MS C – 6.5HRS Total – 12.5HRS
4	5 Med Surg. Clinical 6.5HRS	6 MS CH 16 Test 1HR MS CH 17 3HRS MS CH 18 2HRS	7 Med Surg. Clinical 6.5HRS	8 MS CH 17 Test 1HR MS CH 18 2HRS MS CH 19 3HRS	9 Med Surg. Clinical 6.5HRS	10 MS – 12HRS MS C – 19.5 HRS
11	12 Med Surg. Clinical 6.5HRS	13 MS CH 18 Test 1HR MS CH 19 1HR MS CH 20 4HRS	14 Med Surg. Clinical 6HRS	15 MS CH 19 Test 1HR MS CH 20 Test 1HR MS CH 27 4HRS	16 Med Surg. Clinical 6HRS	17 MS – 12HRS MS C – 18.5HRS Total – 30.5HRS
18	19 Med Surg. Clinical 6HRS	20 No School WV Day	21 Med Surg. Clinical 6HRS	22 MS CH 27 Test 1HR MS CH 28 3HRS MS CH 29 2HRS	23 MS CH 28 Test 1HR MS CH 29 1HR MS CH 30 3HRS Class Meeting 1.5HRS	24 MS – 11HRS MS C – 12HRS SD – 1.5HRS Total – 24.5HRS
25	26 MS CH 29 Test 1HR MS CH 30 Test 1HR MS CH 33 4HRS	27 MS CH 33 Test 1HR MS CH 34 4HRS MS CH 21 1HR	28 MS CH 34 Test 1HR MS CH 21 3HRs MS CH 22 2HRS	29 MS CH 21 Test 1HR MS CH 22 2HRs MS CH 23 3HRs	30 MS CH 22 Test 1HR MS CH 23 1HR MS CH 24 4HRS	MS – 32HRS

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 MS CH 23 Test 1HR MS CH 24 Test 1HR MS CH 25 4HRS	4 No School 4 th of July	5 MS CH 25 Test 1HR MS CH 26 4HRS MS C 35 1HR	6 MS CH 26 Test 1HR MS CH 35 3HRS MS CH 36 2HRS	7 MS CH 35 Test 1HR MS CH 36 2HRS MS CH 37 3HRS	8 MS – 24HRS
9	10 MS CH 36 Test 1HR MS CH 37 1HR MS CH 38 3HRS MS CH 39 1HR	11 MS CH 37 Test 1HR MS CH 38 Test 1HR MS CH 39 2HRS MS CH 40 2HRS	12 MS CH 39 Test 1HR MS CH 40 1HR MS CH 41 3HRS MS CH 44 1HR	13 MS CH 40 Test 1HR MS CH 41 Test 1HR MS CH 44 2HRS MS CH 45 2HRS	14 MS CH 44 Test 1HR MS CH 45 2HRS PVR CH 14 2HRS PVR CH 15 1HR	15 MS – 27HRS SS – 3HRS Total – 30HRS
16	17 MS CH 45 Test 1HR PVR CH 14 Test .5HRS PVR CH 15 1HR PVR CH 16 2HRS PVR CH 17 2HRS	18 MS Final 2HRS Class Meeting 4.5HRS	19 PVR CH 15-17 Test 1.5HRS PVR CH 18 2HRS PVR CH 19 2HRs	20 PVR CH 18-19 Test 1HR Resume 2HRS ATI 3HRS	21 ATI 6.5HRS	22 MS – 2HRS SS – 20.5HRS SD – 7.5HRS Total – 30HRs
23	24 ATI Live Review 10HRS	25 ATI Live Review 10HRS	26 Student Evaluations 2HRS Board Registration 4.5HRS	27 Graduation Rehearsal 6.5HRS	28 Graduation 6HRS	29 SS -12HRS SD – 16.5HRS Total – 28.5HRS
30	31					