Basic Course Information

Semester:	Fall 2015	Instructor Name:	Terrie Sullivan
	NURS127: Medical Surgical		
Course Title & #:	Nursing I	Email:	terrie.sullivan@imperial.edu
CRN #:	10760		
Classroom:	2150	Office #:	2130
			Tues. 11-12, Wed. 11-1p,
Class Dates:	8/17-10/9/2015	Office Hours:	Thurs. & Fri 0615-0645 at PMHD
Class Days:	T-F	Office Phone #:	760-355-6425
	T, W: 0800-1020 TH, F: 0645-		
Class Times:	1330	Emergency Contact:	Nursing Office
Units:	4.0		

Course Description

This course focuses on the care of adult patients with health alterations that require medical and/or surgical intervention. Emphasis is placed on the care of clients with alterations in selected body functions. Concepts of patient centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to adults in a variety of settings.

Student Learning Outcomes

- 1. Demonstrate critical thinking through development of a nursing care plan on one selected patient in the clinical setting. (ISLO 2, 4)
- 2. Demonstrate effective collaboration and verbal and written communication in a clinical setting. (ISLO 1, 2)
- 3. Demonstrate professionalism and ethical behavior while providing effective nursing care in the clinical setting. (ISLO 3)
- 4. Plan, implement, and evaluate nursing care of the medical/surgical patient. (ISLO 1, 2)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- 1. Perform a comprehensive health assessment on adult patients with medical and/or surgical alterations and identify deviations from normal as well as related health risks
- 2. Develop an individualized, evidence based plan of care that demonstrates an appreciation of a patient's cultural, spiritual, and developmental variations and includes recommendations for the adoption of health-promoting behaviors.
- 3. Participate as a member of the interprofessional health care team and patient advocate while providing quality care that promotes patient safety for adults with medical and/or surgical health alterations.
- 4. Demonstrate clinical judgment and participate in the evaluation of outcomes when providing care to adult patients experiencing health alterations.
- 5. Apply knowledge of pharmacology, pathophysiology, and nutrition as well as evidence based

practice to the care of adult patients with medical and/or surgical health alterations.

- 6. Use verbal and nonverbal communication that promotes therapeutic relationships with adult patients and their families, as well as professional relationships with members of the interprofessional health care team.
- 7. Use information technologies to access evidence based literature and patient information as well as communicate with members of the interprofessional health care team, accurately documenting patient care in a secure and timely manner.
- 8. Identify, plan, and provide health and safety related education to adult patients and their families in conjunction with members of the interprofessional health care team.
- 9. Use organizational and priority-setting skills when providing care to adult patients with medical and/or surgical health alterations.
- 10. Acknowledge the importance of the nurse's role in measuring patient outcomes, reporting patient safety and quality care concerns and participating in activities that promote performance impróvement.
- 11. Adhere to ethical, legal and professional standards while maintaining accountability and responsibility for the care provided to adult patients and their families.

Textbooks & Other Resources or Links **REQUIRED** Author **ISBN** Title Edition Year Publisher 2nd 978-Medical Surgical Nursing: Preparation for 2014 Pearson Osborne. 0132706698 Practice Wraa. Watson & Hollerman My Nursing http://www.myp Course ID: sullivan49421 Pearson Lab earsonstore.com /bookstore/medi cal-surgicalnursing-plusmynursinglabwith-pearson-9780133936414 Berman & 978-Skills in Clinical Nursing 2012 Pearson Snyder 0132149648 Lehne 8th 978-Pharmacology for Nursing Care 2013 Mosby 1437735826 Assessment **ATItesting** RN Medical Surgical 2014 Assessment Technologies Technologies RN Pharmacology Institute Pharmacology Made Easy Institute

RECOMMENDED

Author	ISBN	Title	Edition	Year	Publisher
Springhouse	978- 1605471983	IV Therapy Made Incredibly Easy	4 th	2009	Wolters Kluwer LWW
Fischbach	978078177194 8	Manual of Lab and Diagnostic Testing	9 th	2014	Wolters Kluwer LWW

Lehne	978- 1437735819	Study Guide Pharmacology for Nursing Care	8 th	2013	Mosby
Hogan	978- 0133045994	Pearson Reviews & Rationales: Pharmacology with "Nursing Reviews & Rationales	3 rd	2012	Pearson

Course Requirements and Instructional Methods

Reading, CD/video, Internet, and writing assignments are required. Students will be expected to read, understand, and critique information from college level textbooks, nursing journals, or equivalent. The reading list will include texts used in prior nursing courses and those required of this course (see text book list). Additional reading assignments will be required to supplement textbook material. Writing assignments will reflect the objectives listed and may include, but not be limited to, short essays, posters, and/or professional papers. Outside assignments including but not limited to nursing lectures, independent exercises, and learning center activities may be assigned and are required.

Clinical pre-assignments will include preparing for clinical by practicing skills, obtaining patient data, reviewing medication information, and completing pre-assignments as designated for each clinical area. Clinical hours will be spent demonstrating proficiency, providing professional nursing care to assigned patients, observations in various clinical departments, and participating in simulation. Written post-assignments will relate to the clinical experience and may include but not be limited to care plans, case studies, professional papers/posters, and journal entries. Clinical sites may include hospitals, clinics, simulation lab, schools, and social service agencies.

It is each student's responsibility to complete all facility requirements, i.e., BLS training, immunizations, background checks, drug screening, specific hospital orientation, etc., prior to clinical rotations (please see the student handbook for more information). A student will not be allowed to attend any clinical hours until this is done. If over the maximum hours of absenteeism because of this, the student will be dropped from the class.

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-ofclass time per week over the span of a semester. WASC has adopted a similar requirement.

There will be out of class assignments in My Nursing Lab (MNL) that MUST be completed by the due date in order to receive credit. Students will need to come prepared to class with the reading and assignments done before class in order to be an active participant in class.

Students will receive 2 additional points on the exam that addresses the topics for that particular exam. Students must achieve an 80% or higher on the posttest for the lessons in order to receive the 2 additional points on the exam.

Course Grading Based on Course Objectives

Students must maintain a "C" average grade as determined by the scale below:

A = 92-100%

B = 83-91%

C = 75-82%

D = 68-74%

F = Below 68%

Grades will not be "rounded". To advance to the next semester, a "C" (75%) or better is required in this course.

All of the following must be attained to successfully pass this course:

- A. Final Theory Exam score must be passed at a 75%.
- B. Clinical grade must total equivalent of 75% or greater based on all points accumulated.
- C. Theory (exams) grade must total equivalent of 75% or greater.
- D. Attendance requirements as noted below must be met.
- E. Less than 3 unsatisfactory in clinical work must occur.
- F. Final clinical evaluation must show **all** categories as "Satisfactory".

Testing will include no more than 7 examinations in addition to written, demonstration, and/or oral assignments, and a final examination. Pop guizzes may be included. EXCEPT FOR UNDER EXTREME CIRCUMSTANCES. THERE WILL BE NO MAKE-UPS FOR TESTS OR QUIZZES MISSED DUE TO ABSENCE.

Clinical evaluation will be done on an ongoing basis with a student required to meet "satisfactory" in all areas to pass the course. Evaluation is based on written assignments, adherence to nursing standards of care, QSEN competencies, and professional performance. As a part of professional performance, a student must maintain and demonstrate competency in dosage calculation at all times. An unsatisfactory in clinical may be given based on the same standards of care and professional performance and will require remediation in the learning center. Three unsatisfactory grades given in clinical or failure to meet the clinical objectives will result in failure of this class regardless of the overall grade.

Schedule and total points available may change at the discretion of the instructors, taking into account the progress of students with the materials. Any change will be announced in class or via email through Blackboard. Students are held responsible for all materials covered in the syllabus and for any changes that are announced in class or by email.

To evaluate a student's ability to provide for patient safety and to demonstrate clinical competence, students must be in attendance in clinical. Absenteeism and/or tardiness beyond the maximum allowed will result in being dropped from NS127. This will result in a "W" grade if before the drop date and "F" if after that date.

It is recommended that if a grade falls below 78% that the student will arrange to meet with the faculty member. Faculty can be reached in person, by email, or during office hours to discuss grades or other classroom or clinical matters.

The student is responsible for withdrawing (W) from the class before the deadline as outlined on your registration forms. Failure to pass this class will affect your ability to progress to the next semester. Students failing or withdrawing must complete a Petition to Re-Enter.

Simulations are a safe learning environment, where all students will have the opportunity to interact within a structured scenario. Simulations will be utilized during this class and simulation materials will be handed out during the semester. All advance assignments must be completed before the start of class. Failure to complete the pre-assignment will prevent the student from attending the class for the day resulting in a clinical absence and an "unsatisfactory" in clinical performance.

Attendance

It is the responsibility of each student to attend all classroom and clinical hours and to contact the faculty person before the start of class of any need to be excused from class. If a student does not contact the faculty member by the assigned time for an absence, a clinical unsatisfactory for professional behaviors will be given. Students are expected to attend all classes. Absences are limited to the equivalent of the number of hours class meets in one week over a full semester; as a short-term class, this equates to one theory day absence and one clinical day absence. A student who reaches the maximum allowable hours of absenteeism or tardiness may be dropped by the instructor.

Acceptance of absenteeism excuses is at the discretion of the faculty member and may result in failure of the class. A student who reaches the maximum allowable number of hours absent and is not allowed to continue may file a petition to reenter the nursing program. The teaching team will meet with the student to discuss remediation and the possibility of reentry. Tardiness will be included in calculation of absenteeism. Three tardies equal 1 absence and an Unsatisfactory for professional behavior.

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].
- Please review the General Catalog and Nursing Student Handbook for further information. The use of online communication to transmit any patient data is prohibited and may result in failure of the nursing program. In addition, professional behavior is not only what is done in clinical, but how your personal life is led; this can affect your ability to get or maintain a nursing license. Please consider this when posting pictures or actions on social media.

Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting, as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Plagiarism and cheating policies noted in the student handbook and IVC policies will be strictly enforced. Students are expected to develop original work for this course. It is recommended that students visit the college library to become acquainted with research tools available.

Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- Blackboard Support Site. The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- Learning Services. There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your Campus Map for the Math Lab; Reading, Writing & Language Labs; and the Study Skills Center.
- Library Services. There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.
- Nursing Learning Center: Please utilize the nursing learning center tutors for assistance with nursing related studies. It is expected that you will practice skills in the learning center prior to any skills related exam or simulation.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- Student Health Center. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District and El Centro Regional Center provide basic health services for students. such as first aid and care for minor illnesses. Contact the IVC Student Health Center at 760-355-6310 in Room 2109 for more information.
- Mental Health Counseling Services. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC Mental Health Counseling Services at 760-355-6196 in Room 2109 for more information.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC General Catalog. During all classroom and clinical instruction time, every person will be respected within the group and it is expected that all interactions between students, faculty, and other staff will take place professionally and courteously. It is expected that students will come prepared for class by completing reading assignments and skills practice on their own time.

Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC Library Department provides numerous Information Literacy Tutorials to assist students in this endeavor.

	Anticipated Class Schedule/Calendar							
DATE	DAY	TIME	DESCRIPTION	INSTR	ASSIGNMENT	ROOM		
8/18	Tue	0805- 1020	Orientation to NS 127 Perioperative Care	Sullivan	Bring syllabus and schedule O: Ch. 17, Review Ch. 12 Pain. B: Ch.33 pp 230-237 L: Ch. 26-28 ATI M/S: Unit 14 Ch. 95-97	2150		
					ATI Pharm: Drug Therapy: Anesthesia In The Neurological System (Part 1) Assignment: Review Case Study posted in Blackboard before 8/19.			
8/19	Wed	0805- 1020	Perioperative Care	Sullivan	Guest speaker: PMHD OR Director	2150		
8/20	Thur Fri	0700- 1330	Orientation to Clinical and Hospital, care plan	Sullivan	Clinical Guide	ECRMC, PMHD		
8/21					Be in uniform at hospital	and labs		

			instruction,	Rodarte	orientation and check-off	
			Physical Assessment and evaluation in lab (check-off) 1 st Medication Math Post-test			
8/25	Tue	0805- 1020	Alterations in Oxygenation	Sullivan	O: Ch. 25-26 all, Ch. 27 731-753, 761-768 B: pp. 95-100, Ch. 25-27 L: Ch. 76-77 ATI M/S: Ch. 17, Ch.19 pp. 199-204. Ch. 20-24. ATI Pharm: Review all modules related to Resp. drugs. Assignment: MNL Module 5 Lessons 1,2,8,9, Due 8/25 0100 Review Case Study Posted in Blackboard -Pneumonia/COPD	2150
0.000	\A/l	0005	5	0 11:	Assigned videos, computer programs	0450
8/26	Wed	0805- 1020	Exam #1: Perioperative Care Alterations in Oxygenation 2 nd Medication Math Exam (given after class)	Sullivan	Review Case Study Posted in Blackboard: Pneumonia/COPD Assigned videos, computer programs related to Tracheostomy care, suctioning. Nursing videos on IVC website	2150
8/27	Thur Fri	0645- 1315	Clinical rotation	Sullivan	See Clinical Guide	PMHD
8/28		1313		Rodarte		ECRMC
9/1	Tue	0805- 1020	Alterations in Cardiac Output and Tissue Perfusion (Hypertension)	Sullivan	O: Ch. 35 pp. 1058-1069 B: Ch. 2 pp. 41-46 L: Ch. 44-47 ATI M/S: Ch. 36 ATI Pharm: The Cardiovascular System: Intro, HTN Assignment: MNL Module 6 Lesson 8 Due 9/1 0100 Review Case Study Posted in	2150

Wed	0805- 1020	Alterations in Ingestion, Digestion, Absorption, and Elimination	Sullivan	O: Ch. 36-38	2150
				B: pp 114-119, pp 599-607 L: Ch. 78-80 ATI M/S: Ch. 46-55 ATI Pharm: The Gastrointestinal System all Assignment: MNL Module 11 Lessons 4, 5, 9, 13 Due 9/2 0100	
				Review Case Study Posted in Blackboard: Peptic Ulcer Assigned videos, computer programs related to NG tubes, colostomy care Nursing videos on IVC website	
Thur	0645-	Clinical rotation	Sullivan	See Clinical Guide	PMHD
FII	1315		Rodarte		ECRMC
Tue	0805- 1020	Exam #2: Oxygenation/Cardiac Alterations in Ingestion, Digestion, Absorption, and Elimination	Sullivan	Same as previous assignment	2150
Wed	0805- 1020	Alterations in Integumentary	Sullivan	O: Ch. 58-59 pp 131-133 L: Ch. 61 ATI M/S: Ch. 74-75 ATI Pharm: Assignment: MNL Module 13 Lessons 1,2,4 Due 9/9 0100 Assigned videos, computer programs related to skin care. Nursing videos on IVC website	2150
Thur	0645- 1315	Clinical rotation	Sullivan	See Clinical Guide	PMHD
			Rodarte		ECRMC
Tue	0805- 1020	Exam #3: Alterations in Integumentary Alterations in Mobility	Sullivan	O: Ch. 48-51 B: Ch 32 L: Ch. 73-75 ATI M/S: Ch. 78-83 ATI Pharm: Pain & Inflammation - all	2150
	Tue Wed Thur	Fri 1315 Tue 0805-1020 Wed 0805-1020 Thur 0645-1315 Tue 0805-	Tue 0805- 1020 Exam #2: Oxygenation/Cardiac Alterations in Ingestion, Digestion, Absorption, and Elimination Wed 0805- 1020 Alterations in Integumentary Thur 0645- 1315 Clinical rotation Tue 0805- 1020 Exam #3: Alterations in Integumentary	Tue 0805- 1020 Exam #2: Oxygenation/Cardiac Alterations in Ingestion, Digestion, Absorption, and Elimination Wed 0805- 1020 Alterations in Integumentary Sullivan Thur 0645- 1315 Clinical rotation Sullivan Tue 0805- 1020 Exam #3: Alterations in Integumentary Sullivan Rodarte Sullivan Sullivan Rodarte Sullivan	Assignment: MNL Module 11 Lessons 4, 5, 9, 13 Due 9/2 0100 Review Case Study Posted in Blackboard: Peptic Ulcer Assigned videos, computer programs related to NG tubes, colostomy care Nursing videos on IVC website Thur 0645- 1020 Sullivan Rodarte Exam #2: Oxygenation/Cardiac Alterations in Ingestion, Digestion, Absorption, and Elimination Wed 0805- 1020 Alterations in Ingestion, Digestion, Absorption, and Elimination Wed 0805- 1020 Alterations in Sullivan O: Ch. 58-59 B: pp 131-133 L: Ch. 61 ATI M/S: Ch. 74-75 ATI Pharm: Assignment: MNL Module 13 Lessons 1,2,4 Due 9/9 0100 Assigned videos, computer programs related to skin care. Nursing videos on IVC website Tue 0805- 1315 Tue 0805- 1020 Exam #3: Alterations in Integumentary Alterations in Mobility Alterations in Mobility Alterations in Mobility Alterations in Mobility Assignment: MNL Module 13 Lessons 1,2,4 Due 9/9 0100 Assigned videos, computer programs related to skin care. Nursing videos on IVC website Ch. 32 L: Ch. 63 L: Ch. 73-75 ATI M/S: Ch. 78-83 ATI Pharm:

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					Lessons 3,5,8,9 Due 9/15	
					0100	
					Case Study in MNL: Review	
					Arthroplasty & Fractured tibia	
					Group presentation	
9/16	Wed	0805- 1020	Alterations in Mobility	Sullivan	Same as previous assignment	2150
917	Thur	0645-	Clinical rotation	Sullivan	See Clinical Guide	PMHD
	Fri	1315		Camvan		
9/18				Rodarte	Friday : Trach. Simulation	ECRMC
9/22	Tue	0805-	Exam #4: Alterations in	Sullivan	O: Ch. 15 all, Ch. 16 377-380,	2150
		1020	Mobility & Integument		382-394 B: Ch. 8, Ch. 17 pp 469-484,	
			Alterations in Fluid &		L: Ch. 42	
			Electrolytes and IV		ATI M/S: Ch. 48-50	
			Therapy		ATI Pharm:	
					Assignment: MNL Module 1	
					Lessons 1-6 Due 9/22 0100	
					Assigned videos, computer programs related to skin care.	
					Nursing videos on IVC website	
9/23	Wed	0805-	Alterations in Fluid &	Sullivan	Same as previous assignment	2150
		1020	Electrolytes and IV		and the process are agreement.	
			Therapy			
9/24	Thur	0645-	Clinical rotation	Sullivan	See Clinical Guide	PMHD
	Fri	1315				
9/25				Rodarte		ECRMC
9/29	Tue	0805-	Alterations in	Sullivan	O: Ch. 40 all, Ch. 41 1255-	2150
3123	Tue	1020	Reproductive (Female)	Julivari	1263, 1270-1271, 1278-1279,	2130
			Tropiculating (i. ciniais)		1282, Ch. 42 1286-1292. 1305-	
					1307	
					B: pp 131-133	
					L: Ch. 61	
					ATI M/S: Ch. 72-75	
					ATI Pharm:	
					Assignment: MNL Module 13	
					Lessons 1- Due 9/29 0100	
					Assigned videos, computer	
					programs related to skin care.	
					Nursing videos on IVC website	

9/30	Wed	0805- 1020	Exam #5: Alterations in /fluid and electrolyte, IV therapy	Sullivan		2150
10/1	Thur Fri	0645- 1315	Clinical rotation	Sullivan Rodarate	See Clinical Guide	PMHD ECRMC
10/6	Tue	0805- 1020	Final Exam for Nursing 127			2150/ Computer lab
10/7	Wed	0805- 1020	IV Skills Practice			NLC
10/8	Thur Fri	0700- 1330	Clinical simulations, IV Start and management evaluations	Sullivan Rodarte	See Clinical Guide	NLC

O= Osborne, Wraa, Watson & Hollerman, Medical Surgical Nursing: Preparation for Practice, 2nd Ed. **B**=Berman & Snyder, Skills in Clinical Nursing, 7th ed.

L= Lenhe, <u>Pharmacology for Nursing Care</u>, 8th ed.

ATI M/S: Medical Surgical Nursing book ATI Pharmacology made easy (online)

DUE= MyNursingLab (MNL) assignment online-due 0100 on assigned days