



Welcome to Nursing 120!!

This semester is filled with terrific learning experiences! The semester will be divided into 5 theory modules in medical- surgical and pediatric nursing. By way of introduction, I am Professor Karen Ruffin; I am the course coordinator and will facilitate your theory learning in the land program. The online program has a different theory instructor. You will be introduced to college lab instructor as well as your medical-surgical clinical instructor during orientation. It will be time well spent providing you information dedicated to your success in this course!

I am optimistic that each of you will take an active part in the learning process by actively listening and actively participating in each three (3) hour theory class, a three (3) hour college lab, and 14 hours of clinical per week. Theory class will be interactive through case studies, presentations, and classroom discussions. There is the expectation that you complete each weekly Module readings prior to the respective class, and the assignments as you work through the week's Module. All course notes are available to you on-line along with links, lessons, references, and topics to review.

You will find the following on the Nursing Program Website:

NRS 120 Course Outline
NRS 120 Course Information and Forms
NRS 120 College Lab Manual
NRS 120 Skills Checklist (I will hand out)

Please print these documents – take to each class and lab!

WEEK 1 (reading assignments)

Students to review:

- Normal cardiovascular assessment
 - Hypertension- Concept 22
- Pearson Concept textbook Concept 22 pages 1294 - 1332.

Pickar Dosage Calculation

- Review medication calculation.
- Metric system conversions
- PO medication
- IV medication drawn up into a syringe
- IV fluid in drip per minutes.

Read:

Pearson Concept textbook

CAD & AMI – Concept 22

Heart Failure – Concept 22

Atrial Fibrillation- Concept 22 (under life threatening dysrhythmias. Students only need to know about atrial fibrillation, cause and treatments)

Pearson Pharmacology:

Hypertension- Ch 23

Lipid drugs- Ch 22

Angina & AMI drugs- Ch 25

Antiplatelet Therapy- Ch 27 pg 381-382

Heart Failure Drugs- Ch 24

Dysrhythmia Drugs- Ch 26 Calcium Channel Blockers & Beta Blockers

Coagulation Drugs- Ch 27

Pearson Skills book:

Vital signs and cardiovascular assessment.

HESI Case Studies:

Hypertension and Coronary Artery Disease

Medication Cards for Clinical

Medication Cards are Due the first day of clinical. You will find a detailed list of medication in you other forms packets. The student is to use the Maxi Learn A Pre-Structured Drug Card System to hand write out the medication cards. These are the medication the students will be expected to know and will be administering during this course. Students will be considered unprepared for clinical if these cards are not completed. Students that are not prepared for clinical will be sent home and be considered absent for the day.

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| <p>Hypertension- Ch 23</p> <ul style="list-style-type: none"> ACE inhibitors Beta Blockers Calcium Channel Blockers Diuretics-HCTZ, lasix, bumex, aldactone Alpha blockers Alpha agonist Angiotension II Receptor Blockers Hydralazine <p>Lipid drugs- Ch 22</p> <ul style="list-style-type: none"> Statins Bile Acids Nicotinic acid Fibric acid derivitives Ezetimibe <p>Angina & AMI drugs- Ch 25</p> <ul style="list-style-type: none"> Nitrates- NTG Morphine | <p>Coagulation Drugs- Ch 27</p> <ul style="list-style-type: none"> Thrombolytics Heparin Lovenox Warfrin Pradaxa <p>Drugs for Viral Infections - Ch 36</p> <ul style="list-style-type: none"> Symmetrel Flumandine Relenza Tamiflu Virazole Ribavirin <p>Drugs for Bacterial Infection – Ch 34</p> <ul style="list-style-type: none"> Isoniazid Rifampin Pyrazinamide Ethambutol |
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| Antiplatelet Therapy- Ch 27 pg 381-382 Asprin ADP receptor Blocker- Plavix, Effient Glycoprotein IIB/IIIA receptor inhibitor- Integrilin Pletal Brilinta Heart Failure Drugs- Ch 24 Glycosides- Digoxin Phosphodiesterase inhibitors- Primacor and Inocor Vasodilator- Natreacor Dysrhythmia Drugs- Ch 26 Amioderone Calcium Channel Blockers & Beta Blockers- as it relates to Afib | Pennicillian G Azithromycin Vancomycin Flagyl Drugs for Inflammation and Fever- Ch 33 Prednisone Corticosteroids- Flovent, Aerobid, Advair, Decasron Leukotriene Modifiers- Singular Acetaminophen Ibuprofen Resp Drugs Ch 38 & 39 Beta agonist long and short acting Adrenergic Stimulants- Proventil, Ventolin, Combivent, Advair Anticholinergics- Atrovent, Spiriva Expectorant- Mucinex |
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We will focus on the concept of perfusion - first three weeks. The next two weeks are devoted to the concept of oxygenation.

You can read the related chapters in your concept text ahead if you like.

I have all of my voiced over power points on Angel that you are welcome to access. They will be available the 1st week of classes. Land students can access Angel. Go to the "Add-On Course" that is listed in N120. Online students access the main NRS 120 course. *Please use firefox when access the internet to use angel. The online recordings don't always work if you use internet explorer.*

To access Angel, you need to follow these directions: Go into to Angel via the homepage, then using the standard credentials (Username = LASTNAME + Last 4 digits of Student ID, Password = Home phone #, no area code, no dashes, and no spaces).

If you still have problems getting access to Angel, please contact the Mercer Online at 609.570.3389, and they will help you sign on.

HESI online case studies are to be done during your 5 week course. Your first attempt at the case study will be your grade. Doing the case study ahead of time to get the answers is considered cheating.

Focus your energy on preparation for all aspects of the course and bring a positive attitude to each learning experience -- you will definitely succeed!

Please remember that I am available to help you during the semester. Contact me as the course progresses through my contact numbers listed below.

Please let me know of any request or concern you may have. I will work with you to insure that this course meets your educational needs.

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