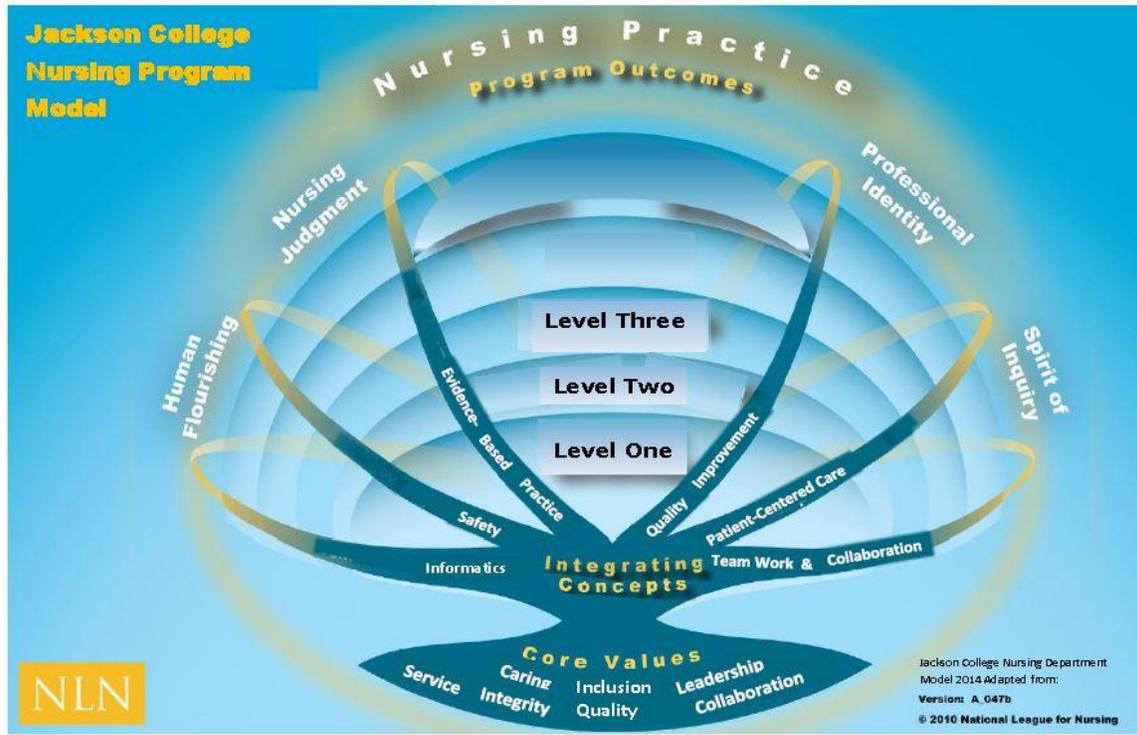


Jackson College



Based upon NLN Education Competencies Model / Nursing Program Model Aligned with Core Values of Jackson College

MEDICAL SURGICAL NURSING 2

NRS 214

2019 - 2020

WELCOME TO MEDICAL SURGICAL NURSING 2

<u>Course Number</u>	NRS 214
<u>Course Title</u>	Medical Surgical Nursing 2
<u>Credits</u>	4 Credits
<u>Contact Hours:</u>	2.5 credits = 37.5 hours of class 1.5 credits = 67.5 hours of clinical

INSTRUCTORS

Erin Mazur, MSN, RN, FNP-BC

OFFICE NUMBER AND PHONE

Whiting Hall 224 796-8483
E-Mail mazurerine@jccmi.edu

OFFICE HOURS

See instructor's office window for office hours. Big Blue Button during COVID-19.

COVID-19 Restriction Changes for Winter, 2020

"The health and safety of our college community is very important to us. In response to the COVID-19 (coronavirus) pandemic, Jackson College has decided to extend Spring Break through March 20th. All classes will resume on Monday, March 23rd in an online format only." President Dr. Phelan. This revised syllabus will inform you of changes in course delivery and student assessment.

NRS 214.60 was original scheduled to begin on Monday, March 30, 2020 but will now begin one-week later Monday, April 6, 2020 and end Friday, May 8, 2020 in an online format until COVID-19 restrictions are lifted. The following are changes to the course directly related to the COVID-19 restrictions.

Course Requirements:

Attendance: Students will be required to log into the course weekly and complete the assignments. Lecture content will be delivered through taped PowerPoint presentations. The presentations will be uploaded and ready to view by Monday morning of each week. Students are responsible for downloading and watching the lectures. Students are responsible for all content delivered during the taped lectures and through additional assignments.

Additional Assignments: The weekly additional assignments will be due the Sunday evening by 5 pm the following Sunday the assignment was given. For example the additional assignment given on Monday, April 6 will be due by 5 pm on Sunday, April 12, 2020.

Testing: Students will be testing utilizing the Respondus Lockdown Browser + monitoring. Those that do not have camera capability on their computers will need to be proctored through the Big Blue Button – students must notify faculty as soon as possible. All students will be required to follow Nursing Department Online Testing Guidelines that are posted within the course. Testing will occur at the designated time of the class. Testing will be at 8 am on the following dates...

Monday, April 13, 2020

Monday, April 20, 2020

Monday, April 27, 2020

Monday, May 4, 2020

Friday, May 8, 2020

Students will be able to review their online exams immediately after the exam is completed. Plan accordingly to review. This will be the only opportunity to review your exams.

The **mandatory Kaplan exam** will not be administered during the winter, 2020 term due to no access to secured proctoring.

The **mandatory Dosage Calculation Competency** will not be administered during the winter, 2020 term due to no access to secured proctoring.

Clinical Requirements

Per President Dr. Phelan “Given that my first responsibility is to our student, employee, and community safety, and further informed by the Governor’s recommendations, I must insist that, effective immediately, all student clinicals be suspended, without exception.”

The Michigan State Board of Nursing has updated guidelines regarding alternative clinical assignments and the percentage allowed. Based on these recommendations Jackson College Nursing Programs will adapt courses to achieve behavioral competencies and Student Learning Outcomes (SLOs) with 100% alternative clinical assignments during COVID-19 restrictions. Guidelines and assignments will be posted in each individual course. Please contact your lead faculty if you have questions or concerns.

Alternative clinical assignments will be posted in the course and will equal the clinical time that students were required to be on the clinical unit. Please make completing these assignments a priority. **The assignments will be due to your clinical faculty each Friday by 5 pm.** Failure to submit your clinical assignments by the assigned due date will result in a Clinical Performance Notice and an unsatisfactory for the week on the CPG. **Receiving unsatisfactory ratings or repeat Clinical Performance Notices will result in a clinical failure which will result in a 1.5 for the course.** Alternative clinical assignments are in place of being on the clinical unit and should be treated with the same effort. ***These assignments are evaluating your ability to function as the Registered Nurse.***

COURSE DESCRIPTION

This course prepares the student to provide culturally responsive safe, quality care while utilizing clinical reasoning to the complex medical surgical clients and their families while reinforcing health promotion. Clinical experiences designed to reinforce theory are included in both acute care and community settings.

The Clinical Performance Guide will serve as a vehicle to evaluate the student’s clinical judgment at the proficient level in order to protect and promote the health of the client. The student should be able to connect the theory taught in class with the clinical picture. The student will demonstrate the ability to interpret assessment and lab findings and taking appropriate action. Students are required to achieve a rating of satisfactory in all categories.

Program Learning Outcomes	Level Learning Outcome	Student Learning Outcome
Upon successful completion of the program, the graduate will:	Upon successful completion of the level, the student will:	Upon successful completion of the course, the student will:

<p>Human Flourishing:</p> <p>Advocate for culturally diverse clients, families, significant others, and members of the healthcare team in ways that promote self-determination, integrity, and ongoing growth as human beings to reach their maximum potential in various healthcare environments throughout the lifespan.</p> <p>Nursing Judgment:</p> <p>a. Make judgments in practice, substantiated with evidence, that integrate nursing science into the provision of safe and quality care that promotes the health of clients throughout the lifespan.</p> <p>b. Demonstrate competency in nursing health care technology and informatics to communicate, manage knowledge, mitigate error, and support organizational reimbursement.</p> <p>Professional Identity:</p> <p>Implement one's role as a nurse in ways that reflect integrity, responsibility, legal and ethical practices, and an evolving identity as a nurse committed to evidence-based practice, caring, advocacy and safe quality care for culturally diverse clients throughout the lifespan.</p> <p>Spirit of Inquiry:</p> <p>Evaluate evidence that</p>	<p>Human Flourishing:</p> <p>Advocate for culturally diverse, increasingly complex, critically ill and/or multiple clients and their families while providing culturally responsive, evidence-based care in ways that promote self-determination, integrity, and ongoing growth.</p> <p>Nursing Judgment:</p> <p>a. Using the nursing process and evidence-based practice, prioritizes and provides safe, quality, client-centered care for increasingly complex, critically ill, and/or multiple clients.</p> <p>b. Evaluate quality improvement and analysis of aggregate data for the increasing complex, critically ill and/or multiple clients.</p> <p>Professional Identity:</p> <p>a. Integrate legal, ethical and practice standards into the care of increasingly complex, critically ill, and/or multiple clients.</p> <p>b. Transition from the role of student to that of a graduate nurse while developing leadership characteristics.</p> <p>Spirit of Inquiry:</p> <p>Translate, question and</p>	<p>Human Flourishing:</p> <p>Prioritize and integrate culturally responsive care to complex medical surgical clients and their families while reinforcing self-determination, integrity, and ongoing growth.</p> <p>Nursing Judgment:</p> <p>Integrate and prioritize the nursing process and evidence-based practice to provide safe, quality healthcare to complex medical surgical clients while reinforcing health promotion.</p> <p>Professional Identity:</p> <p>Integrate effective, legal, ethical, and practice standards into the care of complex medical surgical clients.</p> <p>Spirit of Inquiry:</p> <p>Integrate current evidence-based research findings in</p>
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underlies clinical nursing practice to challenge the status quo, question underlying assumptions, and offer new insights to improve the quality of care for clients throughout the lifespan.	challenge the status quo of research findings in collaboration with inter-professional healthcare teams to manage increasingly complex, critically ill, and/or multiple clients.	collaboration with inter-professional healthcare teams in the care of complex medical surgical clients.
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Student Learning Outcomes	Behavioral Competencies
Upon successful completion of the course, the student will:	
<p>Human Flourishing:</p> <p>Prioritize and integrate culturally responsive care to complex medical surgical clients and their families while reinforcing self-determination, integrity, and ongoing growth.</p> <p>Nursing Judgment:</p> <p>Integrate and prioritize the nursing process and evidence-based practice to provide safe, quality healthcare to complex medical surgical clients while reinforcing health promotion.</p> <p>Professional Identity:</p> <p>Integrate effective, legal, ethical, and practice standards into the care of complex</p>	<p>Human Flourishing:</p> <ol style="list-style-type: none"> 1. Administer prioritized, culturally responsive care to the complex medical surgical client based on client's present bio-psycho-social-cultural-spiritual situation. 2. Examine the impact of illness, hospitalization, and treatment on the family unit and consider its impact when planning care. <p>Nursing Judgment:</p> <ol style="list-style-type: none"> 1. Collect and prioritize the data on the client's health status in a systematic and objective manner. 2. Prioritize individualized care based on evidence to a group of complex medical surgical clients. 3. Demonstrate the use of clinical reasoning in the integration of current knowledge to direct clinical practice decisions. 4. Utilize professional communication techniques in verbal, written, and electronic formats. <p>Professional Identity:</p> <ol style="list-style-type: none"> 1. Exhibit a level of professionalism that is

<p>medical surgical clients.</p> <p>Spirit of Inquiry:</p> <p>Integrate current evidence-based research findings in collaboration with inter-professional healthcare teams in the care of complex medical surgical clients.</p>	<p>congruent with the legal, ethical, inherent values, and behaviors of the discipline of nursing.</p> <p>Spirit of Inquiry:</p> <p>1. Incorporate evidence in decision making in collaboration with inter-professional health care teams while caring for complex medical surgical clients.</p>
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PREQUISITES

NRS 215 Pathophysiology, NRS 210 Medical Surgical Nursing 1, NRS 211 Care of Woman and Neonates

- OR -

NRS 215 Pathophysiology, NRS 220 Transition Bridge, NRS 222 Care of Woman and Neonates – Transition Bridge

Lecture Schedule (may change from semester to semester)

Week 1: Fluid & Electrolytes, IV, Blood Administration

Week 2: Older Adult & Musculoskeletal

Week 3: Chronic Neuro & Cardiac

Week 4: Skin, Pain, & Genitourinary

Week 5: Gastrointestinal & Sensory

STUDENT RESPONSIBILITIES

A. CLASS REQUIREMENTS

1. Attendance in class is HIGHLY recommended. If a student must be absent, it is the student's responsibility to obtain ALL lecture notes and other course information shared in class PRIOR to returning to the class.
2. Course communications will be made through JetNet and the Jackson College email system. **All students must utilize their JC email when sending email communications to faculty regarding the course and clinical.**
3. Cell Phone and Texting Policy: While the nursing faculty recognizes that communication with family and friends is important, the use of cell phones in class is very distracting to other students and your instructor. Please keep all electronic devices on either vibrate or voice mail mode during class. If you are experiencing a family emergency and must keep a cell phone on, please obtain

instructor permission prior to class. We appreciate your cooperating in providing an environment conducive to learning for all students. ***Cell phones may not be out during testing or while reviewing an exam. If a student is found to have a cell phone out during testing or during test review the student will receive a zero on the test in question.***

4. Written work should be neatly done using proper grammar, spelling and punctuation, and sentence structure. Written work with three or more spelling errors or with improper sentence structure will be unsatisfactory.
5. Reading assignments (text, assigned articles, handouts, etc.) should be read for understanding before the class for which they are assigned. Class discussions and critical thinking exercises will be based on the student coming prepared to class. Students are encouraged to bring questions to class. Some questions, however, will be best answered following lecture because of limited class time.
6. Testing will be done from content objectives found in course learning guides. A student will be allowed to take a make-up test only 1 time without penalty. ***Cell phones and apple watches may not be out*** during testing or while reviewing an exam. ***If a student is found to have a cell phone out during testing or during test review the student will receive a zero on the test in question.*** Students will be allowed to review the test once testing is complete. Once the review is complete and grades are entered into JetNet the student will not be able to review the test again. Students are required to follow the ***Testing Guidelines*** posted in this course syllabus.
7. A Standardized Kaplan exam will be given during the course. The exam will assess Level 2 nursing course knowledge. The student must take the exam and remediate each question for a minimum of 2 minutes per question. Remediation must occur before the date of the final in-class test. Failure to remediate each question will result in a maximum grade of 1.5 in NRS 214 and dismissal from the nursing program.
8. Timed Testing: Students will be given one and a half minutes per questions when taking at test. This means that if the test is 50 questions, there will be 75 minutes to complete the test. If the student comes late when a test is being administered, the student will have the option of taking the test in the Testing Center as defined below in Test Make-Up where it will be timed or taking it in the classroom with the reduced amount of time that is remaining when the student arrives. The reason for this limitation is to prepare the student for the timed NCLEX-RN examination. Students need to learn how to pace themselves as they take a test to ensure that they finish on time.
9. Test Make-Up: A student will be allowed to take a make-up test only 1 time without penalty. If the student is taking a second test outside of the class, 5% will be subtracted from the test score. If the student takes a 3rd test outside of class, 10% will be subtracted from the test as will any further outside of class tests.

Students are strongly encouraged to be present for all tests. Students must call before the test is to be given unless there is an unforeseen event and notify the

instructor, they will be absent and acknowledge that they will make up the test. **Unless the student is informed otherwise, missed tests are available for makeup in the JC testing center in BW 121 two days after the test was originally scheduled during the JC testing center's open hours.** The student should contact the testing center for open hours before making a trip to the college. The student must make up the test within 1 week unless other arrangements are made.

10. GRADING TESTS: Only answers to questions that are recorded on the student's scantron answer sheet will be graded unless instructed by the instructor at the beginning of the test in the written test directions to record answers in another place. When grading tests, faculty reserves the right to not count questions that they deem are not of good quality. In this situation, all answers will be accepted for the question(s) discarded. No additional point will be given to the student who had the question "right" prior to it being discarded. The answer marked on the scantron will be considered the student's final answer. Points will not be given for questions answered on the test booklet correctly and on the scantron incorrectly. Ensure your scantron was marked properly prior to submission.
11. All students will be required to take a 10-question Dosage Calculation Competency. **The student must earn a $\geq 90\%$ in order to pass the course.** The student will have a maximum of three attempts, with three different competencies, in order to achieve a $\geq 90\%$. Failure to achieve a $\geq 90\%$ will result in a grade of 1.5 in the course and not progressing to NRS 230. See the "Dosage Calculation Competency Requirements" document in course pack.
12. **Academic Integrity and Honesty Policy:**

Nurses are highly regarded as trusted professionals. The JC Nursing Department faculty and staff are committed to the ideals that honesty and integrity are essential qualities for the profession of nursing. At Jackson College each of us has a personal responsibility to strive for veracity, integrity, and trust in our work and relationships.

Academic integrity and honesty is expected of all students. Any student found to be cheating on an exam, quiz, or other assessment will be subjected to corrective action in accordance with the level of infraction as outlined in the Jackson College Nursing Handbook and Jackson College Academic Honesty Policy. Corrective action may include receiving a maximum grade of 1.5 for the course in mention or possibly permanent removal from the program.

CHEATING and serious violation of responsible technology use (see the Social Media/Simulation Lab Policy) can take on many forms. These may include but are not limited to:

- Bringing an answer source to the testing site. This could be a cheat sheet, cell phone, smart watch, etc.
- Copying answers or work from another student's test or project.
- Making copies or taking cell phone pictures of test or course materials including PowerPoint presentations.
- Changing an answer or work after submission.
- Sharing test information, test answers and content with someone who has not yet taken the test.
- Uploading prohibited course materials to any internet site or facilitating others to do so. Periodic audits of the internet are performed. All course materials have been specifically prohibited for distribution by instructors unless specifically

indicated otherwise. This includes but is not limited to graded quizzes and exams, group work answers, etc., along with any questions that are or might be intended for future quizzes and exams.

- Unauthorized possession or disposition of academic materials includes the unauthorized selling or purchasing of exams, quizzes, midterm projects, or other academic work; stealing or using another student's work; using information from or possessing exams/quizzes that a faculty member did not authorize for release to students.
- Facilitation of any act of academic misconduct includes knowingly assisting another to commit an act of misconduct; providing others with course materials to be uploaded digitally or to be shared manually.
- Taking quizzes with another student. Quizzes are to be done individually - do not share answers with others in person, through e-mail or on the phone. Sharing answers is considered cheating and will be treated as such.
- Plagiarism is another form of cheating. Plagiarism may involve but is not limited to submitting a paper written by someone else (obtained from the web or a fellow student) or using direct quotes from any source without crediting the source.
- Additional areas of concern specific to nursing include but are not limited to:
 - Covering up or not reporting a clinical error.
 - Charting something complete that was not done.
 - Altering any legal documents.
 - Deviation from an accepted Standard of Care or Standard of Practice.
 - Any form of lying/misrepresentation to faculty, health team members or others.

If a student is unsure if a practice might be considered cheating, he or she is advised to check with an instructor and/or do not engage in that practice.

THE BEST POLICY IS ALWAYS HONESTY AND INTEGRITY.

13. Civility: Students will maintain program civility and respect at all times. This includes the classroom, clinical environments, lab, and anytime outside the learning environment such as individual advising, email, social media, etc.

B. CLINICAL REQUIREMENTS

1. Attendance in clinical is required and is very important. All missed clinical time must be made up. Please refer to the attendance policy in the Student Nursing Handbook. The student must discuss and plan makeup arrangements with instructor. Students who miss more than 20% of the clinical hours in any individual clinical course will receive a 1.5 in the course and must repeat the entire course.
2. The student is required to call the clinical unit before assigned time if she/he will be absent or late. Tardiness to the clinical area will result in a performance notice as outlined in the Student Nursing Handbook.
3. The student must come prepared to the clinical area. Clinical preparation is specified in the Clinical Performance Guide (CPG). If the student comes unprepared, she/he will be given a performance notice warning and will be sent

home from clinical resulting in an absence that must be made up. If there is an additional incidence, further disciplinary action will be taken as defined in the Nursing Handbook in addition to being sent home from clinical resulting in another absence that must be made up. If there is a third incidence of unsatisfactory clinical preparation, the student will fail the clinical portion of the class.

4. The student should be attired and groomed as defined in the Student Nursing Handbook. The instructor reserves the right to determine appropriate dress in any given situation based on the uniform policy. There are no smoking breaks during clinical.
5. The Clinical Performance Guide (CPG) presents all clinical objectives as identified in the clinical evaluation tool in addition to detailing skills and abilities that will further assist the individual student to satisfactorily meet clinical objectives, actively engage in his/her own self-assessment, demonstrate accountability for learning and promote self-growth. The student's weekly recording in the CPG provides both faculty and the student with a method to monitor the student's experience and progression toward meeting clinical objectives. The individual student and faculty will jointly review the student's self-assessment and progress as noted in the CPG in the faculty's evaluation of the student's satisfactory attainment of clinical objectives. Satisfactory (S), Unsatisfactory (U), Not applicable/Not available (NA), with detailed comments will be used as grading criteria.
6. The CPG presents mandatory clinical objectives which the student must satisfactorily attain to pass the course. Students will be evaluated according to a satisfactory (S) or unsatisfactory (U) grading criteria. If the clinical objectives are not met, the clinical grade will be unsatisfactory, and the course grade will be a failure of 1.5.
7. **SMOKING POLICY:** Smoking is inconsistent with the health promotion role of nurses. Some patients, students, and faculty suffer from asthma triggered by exposure to third-hand smoke. Third hand smoke has been found to be a cancer risk to others. Please do not come to class or clinical with residual smoke on yourself, clothing, scrubs, or paperwork (as it may be returned for resubmission). Smoking or use of other tobacco products will not be permitted at any time or place during a student's clinical rotation, regardless of the setting. Students who present to the clinical setting smelling of smoke will be sent and be given a written performance notice. Being sent home will be treated as a clinical absence.
8. Cell phone calls and texting are not appropriate in the clinical setting due to the risk of distractions, errors and HIPAA violations. Unit phone numbers will be available in case of emergency.
9. Written Clinical Assignments

The student's clinical preparation each clinical week will include:

- Critical Thinking- Prioritization Form with attached PMP/Care Pathway.

- Medication Summary
- Laboratory Summary with abnormal values and relevant normal (including entire ABG, even if part of it is normal)

Each clinical instructor will notify students of the deadline for submission of the clinical paperwork. The weekly paperwork is not graded. It is a tool to help evaluate the student's ability to critically think. The weekly paperwork is required unless alternative assignments are given for the week. Failure to submit clinical assignments will result in a Clinical Performance Notice.

Students will also complete an Older-Adult Teaching Plan as part of the NRS 214 clinical rotation. Students who fail to complete the assignment or achieve less than 78% on the assignment will receive an unsatisfactory on their CPG which will result in a clinical failure and a grade of 1.5 in NRS 214.

10. AGENCY POLICIES: It is the student's responsibility to be informed and adhere to agency policies such as student parking, orientation modules, smoking, cell phones, and HIPPA. Failure to follow agency policy can result in the agency prohibiting the student from continuing the clinical experience at said agency. This may result in course failure and/or dismissal from the JC nursing program.
11. Students will be offered off-site observation only experiences in NRS 214. These are **observation only** experiences because there will be no clinical instructor present. Students are prohibited from assessing clients, documenting, passing medications, performing procedures, or offer advice/teaching clients.

INSTRUCTIONAL METHODS

Assigned Readings/Handouts
Clinical Experiences
Lecture/Discussion

Audiovisual materials
Collaborative Group Work

TEXTBOOK(S) REQUIRED



Electronic Versions of textbooks are available

Ignatavicius, D.D, Workman, M.L, Rebar, C.R.: Medical-Surgical Nursing: Concepts for Interprofessional Collaborative Care 9th edition. Elsevier.

Ackley, Ladwig, Makic, Nursing Diagnosis Handbook.

Jarvis, Physical Examination and Health Assessment, Saunders.

Nursing Laboratory Tests Manual of Choice.

Nursing Drug Reference Book of Choice.

AVAILABLE LEARNING SERVICES

"Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Office of Learning Support Services as soon as possible to ensure that such accommodations are implemented in a timely fashion."

The Nursing Laboratory is staffed by faculty that can assist your learning. The hours change each semester but are posted. Tutors are available through Center for Student Success in Bert Walker Hall. See your instructor if you feel this would be helpful for you. The Center for Student Success can help students with academic and personal problems. If you feel the need to talk with the faculty, their office hours are available and posted on their office doors. Keeping communication open assists both student and faculty.

For technical assistance, please contact the Jackson College Solution Center. All technical work requests are initiated through the following venues:

E-mail: jcsolutioncenter@jccmi.edu

Phone: 517.796.8639

Walk-in: Atkinson Hall, Room 203

STUDENT EVALUATION CRITERIA

The grade that the student earns will be determined from the examinations in the course. An unsatisfactory performance in theory or clinical practice will constitute failure in the course. Failure to achieve a minimum of a 90% of the mandatory math competency within three attempts will result in course failure and the student will receive a 1.5 in the course. If the failure is in clinical, the student will receive a 1.5 grade in the course.

UNIT EXAMS: A schedule of theory topics and exams will be distributed during the first class. Theory topics listed above

Kaplan
STANDARIZED
EXAM: One standardized Med-Surg Exam will be given.
Each question must be remediated for 2 minutes.

CALCULATION
COMPETENCY: Mandatory Dosage Calculation Competency
must be passed with $\geq 90\%$ within 3 attempts.

OTHER: Kaplan quizzes, video reflection, Elsevier Adaptive Quizzes – Level 2 Mastery.

See the Nursing Handbook for evaluation behaviors based on the Code of Nursing. The minimal clinical competencies for the course are listed in the CPG.

GRADING SCALE

The total number of points on tests will be cumulative and a percentage computed to figure the final grade. The student must receive a minimum 78% average on the in-class tests before any other points are added to course total. An overall course grade of 78% or higher must be achieved to pass NRS 214 Medical Surgical Nursing 2. If clinical is not passed successfully, a 1.5 grade will be earned. If the student fails to achieve a minimum score of 90% on the mandatory math competency within 3 attempts a 1.5 grade will be earned. Failure to complete the mandatory Kaplan remediation will result in a 1.5 grade being issued to the student.

GRADING SCALE

4.0	94-100%
3.5	90- 93%
3.0	86- 89%
2.5	82- 85%
<u>2.0</u>	<u>78- 81%</u>
1.5	74-77%
1.0	70 - 73%
0.5	66 - 69%
0.0	< 66%

Each test will be graded utilizing the above scale. When calculating final grades if the percentage includes a decimal, 0.5 or more the grade will be rounded up to the next whole number (e.g. 83.5=84). If a decimal grade of 0.4 or less is calculated the grade will be rounded down to the nearest whole number (e.g. 83.4 = 83). If the faculty decides that a test question is not valid every answer will be accepted as correct therefore, everyone in the course receives one point for that question whether they got the question “right or wrong”. (This is not an additional point if the question was scored as being correct).

ATTENDANCE POLICY

In compliance with Federal Title IV funding requirements, as well as college initiatives, instructors will take attendance at each scheduled meeting time. Students will be automatically dropped if, within the first week of class, they do not attend class or do not engage in academic activity of an online class. If a student has not engaged in academic

activity over a two-week timeframe, instructors will input a last date of attendance for that student, who will then be administratively withdrawn.”

MAKE-UP POLICY

Classroom attendance is not mandatory but is HIGHLY recommended. The student is responsible for his or her own learning. If the student must miss or be late to class, it is the student’s responsibility to obtain lecture notes, messages, instructions, handouts, announcements, etc. from a fellow student. The student will be held responsible for all material and information regardless of whether the student was in class. Tardiness to class may mean missing a quiz, or reduced time to take a test.

Students are strongly encouraged to be present for all exams. A student may miss only one test for makeup without point reduction. A student must arrange to take a missed exam before returning to class. A five-percent reduction in the earned grade may be made on a student’s first make-up exam. A ten-percent reduction may be made on the second make-up exam, fifteen percent on the third exam, and so on.

NURSING PROGRESSION POLICY:

See the Nursing Handbook for progression policies. The student must earn a 2.0 grade in Theory and a satisfactory in Clinical to pass the course. Students who withdraw or fail this course cannot progress into NRS 230 Medical-Surgical Nursing 3. Consult the handbook for current Progression/Readmission policy

The points that will be available in this course include:

TESTS	#of Points	Earned Points	Possible Points	Test Percent Earned divided by Possible	Total Points Earned	Total Points Possible
Test 1	50		50			50
Test 2	50		50			100
Test 3	50		50			150
Test 4	50		50			200
Test 5	50		50			250
Total # of points on tests	250	250	250			250
78% must be achieved on in class exam to pass course	Test Percent	%		Test % ÷ total earned by total possible		Multiple test % by 0.9 for 90% total
Additional assignments Assignments	# of points	Earned Points	Possible Points			
Kaplan quiz 1	5					
Kaplan quiz 2	5					

EAQ 1 – Fluid & Electrolytes	5					
ADQ 2 – Heart Failure & Valvular Disease	5					
ADQ 3 – Infectious Urinary Disorders	5					
ACES “Get Old” Reflection	5					
Total # of points on assignments	30		30	Assignment % ÷ total earned by total possible		Multiple assignment % by 0.1 for 10% total

78% average required on overall course grade to pass course. The testing component of the course will account for 90% of the course grade. Additional assignments will account for 10% of the course grade. The student must achieve a 78% average on the testing component of the course before the additional assignment percentage is added to the course grade. Students must also achieve an overall score of 78% to pass the course.

All students are required to pass a Dosage Calculation Competency with a passing score of ≥90% to pass NRS 214 and progress to NRS 230. Students must also complete the mandatory Kaplan remediation by the assigned due date or a 1.5 will be issued for the final grade.

Note: Students are required to maintain documentation of currency in CPR/TB/Immunizations with the nursing office prior to the first day of clinical or there will be a 3% reduction in the total grade in NRS 214 and the student will not be allowed to attend clinical until the documentation is presented which may result in a clinical absence(s). It is the student’s responsibility to maintain these records without reminders from faculty.

NRS 214 MEDICAL SURGICAL 2 CLINICAL GUIDELINES

GOALS:

- 1) Clinical nursing experiences in NRS 214 Medical Surgical 2 provide instructor supervised care for patients, with a focus on elderly patients, who have partially compensatory care needs.
- 2) Students will administer specified IV fluids/medications with instructor supervision. (See IV guidelines for further details). No IVP meds except for Saline/Heparin flush.
- 3) Students will develop ability to manage RN care responsibilities for two patients and progress to 3 patients. As the number of assigned patients increases, the goal for the student is to manage more of the RN role responsibilities for several patients.

The student will:

- Obtain patient report and discuss with patient's RN the student's specific care responsibilities for the patient, especially documentation, medication administration, nursing procedures, and AM/HS care. Other team members should also be aware of the student's role. (If the student is unable to complete any patient care item the RN should be informed immediately so the care may be reassigned and completed).
- Students are responsible for communicating with all health team members at the beginning of the shift. Students **MUST** communicate to **ALL** team members exactly the nursing interventions they will provide for each one of their patients, including blood glucose monitoring, ADLs, AM/HS care, medications, administration of which IV fluids/medications, and assessment/charting. If the student does not inform team members, a performance notice will be given.
- Provide designated care for one patient initially and progress toward ability to care for two patients, and then three patients as clinical week's progress.
- Administer oral and injectable medications with instructor supervision. All insulin must be double checked with another nurse and cosigned on the medication record as well as other IV medications per hospital policy. Coumadin is also double checked after INR values are reviewed.
- Give IV fluids/medications specified in IV guidelines with instructor supervision.
- Perform nursing procedures with instructor supervision such as urinary catheters, nasogastric tube insertion, drain removal, and complex dressings.
- Complete charting including patient teaching and SOAP note as required before leaving unit.
- Report off to RN before leaving unit for breaks, conferences or at the end of the shift.

Students will NOT:

- Obtain or administer blood or blood products.
- Administer IVs other than those specified in IV guidelines.
- Give IV push medications or administer chemotherapy as specified in IV guidelines.
- Witness legal documents per hospital policy.
- Call physicians, take or note physician's orders.

NRS 214 CLINICAL IV ADMINISTRATION GUIDELINES

1. **WITH INSTRUCTOR PRESENT**, may hang peripheral IV bulks without added medications and IVPB antibiotics after reviewing appropriate lab tests. May administer IVs through PICCs and ports that have been accessed and are not being used for the first time since placement.
2. May hang peripheral TPN, lipids, Heparin infusion, and insulin infusion **with instructor present** and cosigned by patient's primary RN.
3. May do normal saline flush or heparin flush **with instructor present**.

4. Will **NOT** hang, regulate pumps, or titrate IVs containing narcotics, potassium, magnesium, chemotherapy, dopamine, dobutamine, levophed, cardizem, nitroglycerin, lidocaine, or any other serious IV medication.
5. Will **NOT** administer IVs through or provide care for central lines.
6. Will **NOT** administer IV push medications.
7. Will **NOT** change PCA medication or reprogram PCA pumps. May do history recall with supervision of instructor/nursing staff to document patient usage of medication.
8. Will **NOT** hang epidural solutions or reprogram epidural pumps.
9. Will **NOT** administer blood or blood products.

Dosage Calculation Competency Requirements

INTRODUCTION:

One of the most important nursing skills to master is safe and accurate administration of patient medications. **Students are expected to have the prior knowledge of essential basic math skills** needed for accurate calculation of medicine dosages. All nursing students should be able to confidently:

- Compute arithmetic for medical dosage calculations including but not limited to:
 - Converting fractions to decimal numbers
 - Converting decimal numbers to fractions
 - Rounding decimal numbers to fractions
 - Rounding decimal numbers for medications and desired number of places e.g., nearest whole number, tenths, or hundredths
 - Multiplying and dividing fractions
 - Simplifying fractions
 - Proper use of zeros – (**placement zeros but NO trailing zeros i.e. 0.5 not .5 or 2.5 not 2.50**)

It is the **STUDENT'S RESPONSIBILITY** to seek the needed remediation if necessary. Support services include those of the JC Center for Student Success, nursing tutor (if one is available), on-line resources, and fellow classmates. Students are expected to be able to **accurately and confidently compute** the following types of medication problems:

- Calculating dosages using a label
- Reading and measuring dosages on an intramuscular, tuberculin, and/or insulin syringes
- Calculating flow rates and durations of enteral infusions (volume divided by infusion time)
- Calculating safe dosages, minimum, maximum, and recommended dosages [mg/kg]
- Converting within and between metric and household units using one and/or two step conversions
- Calculating two medication dosages and combining the medications into the same syringe

- Calculating dosages for parental medications.
-

DIMENSIONAL ANALYSIS:

Students will be required to show all work.

ROUNDING NUMBERS - GENERAL GUIDELINES:

- Quantities > 1 are rounded to the nearest tenth i.e. $1.56 = 1.6$
- Quantities < 1 are rounded to the nearest hundredth i.e. $0.45678 = 0.46$
- Drops are rounded to the nearest whole number as drops cannot be split (5 or higher round up i.e. $26.6 \text{ gtts/min} = 27 \text{ gtts/min}$)
- Intravenous solutions are delivered in drops per minute or mL/hr on a pump
- Round adult weight to the nearest whole number unless otherwise indicated
- Oral medications are poured to the exact amount ordered, may need to use a syringe

ABBREVIATION GUIDELINES:

- Metric abbreviations are always singular
- No period after metric abbreviations except if it falls at the end of a sentence
- Nurses must master and become comfortable using approved abbreviations and metric units employed in medication administration to ensure patient safety
- Included in this handout is a reference list of common abbreviation and equivalents used in medication administration

EQUIVALENTS:

Students are required to know the most common conversions in order to accurately complete medication problems. Below are some common conversions that will be used in the math quiz. This is not an all-inclusive list.

- $\text{mcg} \leftrightarrow \text{mg} \leftrightarrow \text{g}$
- $\text{kg} \leftrightarrow \text{lb}$
- $\text{mL} \leftrightarrow \text{oz} \leftrightarrow \text{tsp} \leftrightarrow \text{tbsp}$.
- $\text{mL} \leftrightarrow \text{micro/macro drops}$
- $\text{mL} \leftrightarrow \text{L}$
- $\text{mg} \leftrightarrow \text{mcg}$
- $\text{cup} \leftrightarrow \text{oz} \leftrightarrow \text{mL}$

EVALUATION:

- The student will take a 10-question math competence quiz the first week of class.
- Each question will be worth 1 point a piece. No partial credit will be given.
- The quiz will be graded by the second week of class.
- **A $\geq 90\%$ mastery is required.** Students who do not pass the first attempt with a 90% must retake the quiz on another day in the testing lab. It is in the student's best interest to prepare as needed!!!
- Students who do not successful pass the first quiz attempt will need to make an appointment with faculty to review the quiz.
- ALL students are required to successfully complete the math competency quiz with a score of $\geq 90\%$ by the **end of the 4th week** of class.

- The Math Competency Quiz **must** be successfully completed in three attempts or the student will earn a 1.5 in NRS 214 and not progress to NRS 230.

Metric Equivalents	Metric	Household
1000 mcg = 1 mg	5 mL	1 teaspoon
1000 mg = 1 g		3 teaspoons = 1 tablespoon
1000 g = 1 kg	15 mL =	1 tablespoon = ½ ounce
	30 mL =	2 tablespoons = 1 ounce
	240 mL =	1 cup = 8 ounces
	500 mL = ½ L =	1 pint
	1000 mL = 1 L =	1 quart = 32 ounces
Weight ☞ 2.2 lb = 1 kg		
Macro drop = 1 mL = 10 gtts/min		
Micro drop = 1 mL = 60 gtts/min		

Web References:

*****Math MagicFor Meds** – Go to: <http://www.edgt.com/> and register ☞ your student access key is: S-LE-1045-1247
<http://www.dosagehelp.com/>
http://ratguide.com/meds/reference/conversions_and_calculations.php
<http://www.ismp.org/tools/abbreviations/>

Jackson College Nursing Department Testing Guidelines for Students

1. All student possessions (backpacks, cell-phones, water bottles, hats, etc.) must be left at the front or sides of the room – not under individual desks or tables.
2. Students are not permitted to sit at their desk with notes prior to the test. Any last-minute studying must be conducted outside the classroom.
3. The student may have only a pencil, scrap paper, simple calculator with no memory (if warranted) and earplugs as warranted by faculty. Watches and cell phones are not allowed.
4. Once class begins, students are not permitted to sit at their desk with class notes and or text prior to the test. Last minute studying or review must be conducted outside the classroom.
5. Students are not allowed to remove any testing material from the testing/classroom.
6. If a student must take an exam at a different time than the rest of the class due to an illness or emergency, a different exam is given.
7. Bathroom breaks will not be permitted during any exam or quiz.

8. There will be no discussion of test items between the student and faculty on the day of the test.
9. Students who disagree with the answers may complete a Student Test Item Query form to explain their rationale for their chosen answer. These forms will be submitted the faculty for consideration.
10. Students will be given 1.5 minutes per test item.
11. Students must pass a Dosage Calculation Competency at 90% within three attempts. Failure to obtain 90% results in failure of the course.

COURSE SYLLABUS ATTESTATION FORM
NRS 214 Medical Surgical 2

Name (Please Print): _____ Date: _____

Please Check All That Apply:

- I have read the complete syllabus, weekly schedule and reviewed all resource materials for NRS 214 including the Dosage Calculation Competency requirements, Kaplan remediation requirements, and the Nursing Department Testing Guidelines for Students.
- I have reviewed the NRS 214 Clinical Guidelines as well as the IV Administration Guidelines.
- I understand that off-site clinical experiences are observation only experiences. If I participate in client care during the off-site experiences without a clinical instructor present it may result in failure of NRS 214 clinical which will result in failure of NRS 214.
- I understand that it is my responsibility to maintain updated records of immunizations and BLS certification. Failure to comply with the health care requirements may result in an unexcused clinical absence and possible failure of the course. Failure to submit the required documents at the beginning of each semester will result in a 3% deduction in the final course grade.
- I have reviewed the JC Nursing Handbook Simulation & Social Media Policy as it relates to this course. I will adhere to the guidelines for Responsible Use of Technology at Jackson College at all times while I am a student of the nursing program. **I understand if I violate these policies I may be dismissed from the course/and or/ nursing program.**
- I understand that all types of electronic devices may not be appropriate at certain times within this course and that it is **not permissible** to take photos of any course PowerPoints, or any other form of lecture/online materials without expressed permission from my instructor. Failure to abide by this policy may result in dismissal from the course. No exceptions!!
- I have read and understand the COVID-19 restriction changes related to the course.
- All my questions related to course resources have been answered at this time.

I understand the information contained within the resources checked and will adhere to any additional course, JC Nursing Department and, or College policies not mentioned in this document that may apply to my status as a student in NRS 214.

Signature: _____ Date: _____

[Please sign and return to your instructor by the first week of class.

Reviewed/Revised; E. Mazur: 3/2020