**GUSTAVUS ADOLPHUS COLLEGE**

**Course Syllabus**

**I. Course Number:** Nursing 337

***Email alias:*** [s-nur-337-001@gustavus.edu](mailto:s-nur-337-001@gustavus.edu)

**II. Course Title:** Clinical Pharmacology and Health Assessment II

**III. Placement in Curriculum:** Level II, Spring Semester 2018

**IV. Faculty:** Heidi Meyer

**Email:** hmeyer2@gustavus.edu

**Office:** Mattson Hall 107

**Office Hours:** Fridays, 12:30-2:20 and by appointment

***Lab/Sim/NCLEX Prep Coordinator:*** Jessica Helget Email: [jhelget2@gustavus.edu](mailto:jhelget2@gustavus.edu)

**V. Catalog Description:**

This course focuses on clinical pharmacology for selected complex health variances across the lifespan. The course also covers advanced heatlh assessment and requires evaluation of complex clinical scenarios to enhance clinical reasoning. Emphasis will be placed on students ability to assess and evaluate patient reponses to pharmacological agents in simulated patient care environments.

***Class hours/location:*** Fridays and every other Wednesday, 10:30a - 12:20 p, Mattson Hall 102

***Lab hours:***  *All students will have three (3) mandatory Tuesdays (either AM or PM) for a skills/simulation session. Lab/Simulation times are noted on the Level 2 Calendar.*

**VI. Course Outcomes:**

A student who completes this course will be able to:

1. Integrate principles from the liberal arts to understand pharmacology and holistic health assessments/diagnostic tests. ***(Analyze enduring and contemporary questions from multiple perspectives)***
2. Apply professional practice responsibility and accountability standards in pharmacologic interventions and health assessments/diagnostic tests. ***(Demonstrate competence with the content and methods of a particular field of study; Implement an effective strategy to address an open-ended question or to solve a multi-faceted problem)***
3. Examine the importance of inter/intra-professional collaboration and communication as they relate to pharmacologic management and holistic patient assessments. ***(Demonstrate the ability to reason and communicate effectively in written and oral modes)***
4. Combine evidence-based practice and the use of technology and information systems to facilitate the pharmacologic management and holistic health assessments. ***(Demonstrate competence with the content and methods of a particular field of study; Analyze enduring and contemporary questions from multiple perspectives)***
5. Relate the basic principles of pharmacology and the nursing process to selected drugs and their therapeutic use across the lifespan. ***(Demonstrate competence with the content and methods of a particular field of study)***

NOTE: The bold/italicized concepts in parentheses are the ***Gustavus Adolphus College Institutional Student Learning Outcomes (ISLOs)*** associated with this course.

**Additional Expected Student Learning Outcomes (ESLOs)**

The following table is a list of specific outcomes that will be met by the end of the course throughout the individual units, classroom, and clinical/laboratory assignments and experiences. The numerical format specifies evidence of the course outcomes as they are aligned with the ***Gustavus Nursing Department* ESLOs** document.

|  |  |
| --- | --- |
| **NUR337 Unit Objectives that meet**  **Course Outcomes and ESLOs** | **Method of Evaluation** |
| 1.1.A2. Integrate theories and concepts from liberal arts courses in the holistic assessment and care of a patient. | Clinical Assessment Assignment |
| 6.1.A1. Demonstrate using SBAR in communicating with interprofessionals. | Simulation |
| 6.2.A2. Apply unique nursing perspectives in caring for the individual. | Simulation /  Medication Analysis |
| 8.2.A2. Identify trends and current issues impacting nursing care. | Simulation  (Scholarly Article) |
| 9.1.A2. Conduct comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessments of health and illness parameters in patients, using developmentally and culturally appropriate approaches. | Clinical Assessment Assignment |

**VII. Course Topical Outline**

*See Course Schedule Calendar for detailed schedule and information. Schedule subject to change.*

|  |  |
| --- | --- |
| **Unit** | **Content** |
| **1** | Hematology/Oncology  Immune/Infection  Lab/Simulation: Blood Admin & Chemo |
| ***Exam 1*** |
| **2** | Cardiovascular  Renal  Lab/Simulation: Telemetry |
| ***Exam 2*** |
| **3** | GI  Respiratory  Lab/Simulation: ABGs |
| ***Exam 3*** |
| **4** | Neuro Muscular  Endocrine |
| ***Exam 4 (FINAL EXAM)*** |

**VIII. Teaching-Learning Strategies**

Students are referred to the Gustavus Nursing Student Handbook, “Expectations of Faculty and Students Regarding the Teaching-Learning Process.”

1. **Teaching and Learning Environments**

**1. Classroom:**

Teaching-learning strategies include activities such as lectures, readings, discussion, case studies, audio-visual materials, and written assignments. Course content is presented in the classroom and campus laboratories and reinforced in clinical settings. It is the expectation of the faculty that students come to class prepared to participate in discussion and application of reading assignments. The faculty member will place class materials on Moodle as needed.

***Electronic equipment used by students in the classroom is for class activities only. Students are asked to be respectful of faculty and other students when using electronic equipment. Please role model professional behavior in the classroom.***

**2. Classroom Laboratory/Simulation:**

Each student will be assigned three (3) simulation/lab sessions throughout the semester (see calendar for assigned times). These simulation sessions are taught give students the instruction and opportunity to practice skills and apply concepts that correspond to the Clinical Pharmacology & Health Assessment II theory class.

***\*Please review documents on Psychomotor Skills, Blood Borne Diseases, Universal Precautions and OSHA (from NUR311) prior to first Lab/Simulation session.***

1. **Student Resources**
2. **Accessibility Resources:** Gustavus Adolphus College is committed to ensuring the full participation of all students in its programs. If you have a documented disability, or you think you may have a disability of any nature (e.g., mental health, attentional, learning, chronic health, sensory, or physical) and, as a result, need reasonable academic accommodation to participate in class, take tests or benefit from the College’s services, then you should speak with the Accessibility Resources staff, for a confidential discussion of your needs and appropriate plans. Course requirements cannot be waived, but reasonable accommodations may be provided based on disability documentation and course outcomes. Accommodations cannot be made retroactively; therefore, to maximize your academic success at Gustavus, please contact Accessibility Resources as early as possible. Accessibility Resources (<https://gustavus.edu/care/accessibility/>) is located in the Center for Academic Resources and Enhancement. Accessibility Resources Coordinator, Kelly Karstad, ([kkarstad@gustavus.edu](mailto:kkarstad@gustavus.edu)or x7138), can provide further information.

*\* Students are encouraged to present letters to faculty of each nursing course within the first 2 weeks of class. Accommodations will only be provided after the letter is submitted and with sufficient lead-time to arrange testing or other accommodations. Discussions with nursing faculty will remain confidential.*

1. **Help for Multilingual Students:** Support for English learners and multilingual students is available through the Center for International and Cultural Education’s (<https://gustavus.edu/cice/>) Multilingual and Intercultural Program Coordinator (MIPC), Carly Overfelt ([coverfel@gustavus.edu](mailto:coverfel@gustavus.edu)). The MIPC can meet individually with students for tutoring in writing, consulting about academic tasks, and helping students connect with the College’s support systems. When requested, the MIPC can consult with faculty regarding effective classroom strategies for English learners and multilingual students. If requested, the MIPC can provide students with a letter to a professor that explains and supports appropriate academic arrangements (e.g., additional time on tests, additional revisions for papers). Professors make decisions based on those recommendations at their own discretion. In addition, English learners and multilingual students can seek help from peer tutors in the Writing Center (<https://gustavus.edu/writingcenter/)>.
2. **Mental Wellbeing:**

The Gustavus community is committed to and cares about all students. Strained relationships, increased anxiety, alcohol or drug problems, feeling down, difficulty concentrating, and/or lack of motivation may affect a student’s academic performance or reduce a student’s ability to participate in daily activities. If you or someone you know expresses such mental health concerns or experiences a stressful event that can create barriers to learning, Gustavus services are available to assist you. You can learn more about the broad range of confidential health services available on campus at <https://gustavus.edu/counseling/> and <https://gustavus.edu/deanofstudents/services/>.

1. **Title IX: Sexual Misconduct Prevention and Resources**

Gustavus Adolphus College recognizes the dignity of all individuals and promotes respect for all people. As such, we are committed to providing an environment free of all forms of discrimination including sexual and gender-based discrimination, harassment, and violence like sexual assault, intimate partner violence, and stalking. If you (or someone you know) has experienced or is experiencing these types of behaviors, know that you are not alone. Resources and support are available; you can learn more online at <https://gustavus.edu/titleix/>.

Please know that if you choose to confide in me, I am mandated by the College to report to the Title IX Coordinator, because Gustavus and I want to be sure you are connected with all the support the College can offer. Although it is encouraged, you are not required to respond to outreach from the College if you do not want to. You may speak to someone confidentially by contacting the Sexual Assault Response Team (SART/CADA), Chaplains, Counseling Center, or Health Service staff; conversations with these individuals can be kept strictly confidential. SART/CADA can be reached 24 hours a day at [507-933-6868](tel:(507)%20933-6868). You can also make a report yourself, including an anonymous report, through the form at <https://gustavus.edu/titleix/>

1. **Research Help:**

You can always get help with your research at the library. Reference librarians will help you find information on a topic, develop search strategies for papers and projects, search library catalogs and databases, and provide assistance at every step. Drop-ins and appointments are both welcome. Visit <https://gustavus.edu/library/reference_question.php> for hours, location, and more information.

**IX. Evaluation:**

1. **Grading Evaluation**

To successfully complete this course and progress in the nursing program, the student must:

* Complete all course requirements (classroom, clinical, and simulation);
* Achieve 74% of total possible points in the course; **the course grade is a composite of grades in the examination(s), satisfactory clinical/lab experiences, and the grade on any other learning activity/assignments stated in the syllabus;**
* Meet any other criteria of the course **stated in the syllabus.**

Grades in the course are not rounded up or down and are assigned as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Satisfactory** | | **Unsatisfactory** | |
| A | 94.00 – 100% | C- | 70.00 – 73.99% |
| A- | 90.00 – 93.99% | D | 67.00 – 69.99% |
| B+ | 87.00 – 89.99% | D- | 64.00 – 66.99% |
| B | 84.00 – 86.99% | F | < 64.00 % |
| B- | 80.00 – 83.99% |
| C+ | 77.00 – 79.99% |
| C | 74.00 – 76.99% |

1. **Examinations**

Exams: Students will have four unit exams during the semester. These exams will cover content leading up to the exam (NOTE: The final exam is NOT cumulative, but students should be able to integrate/synthesize previous content). Questions will be a variety of multiple choice, NCLEX style, and short answer.

ATI Proctored Exam: Students will complete one Proctored Exam in this course (***RN Pharmacology***) during the final unit of the semester. Students will not be allowed to sit for the proctored exam until the following practice assessments are completed:

* 1. RN Pharmacology Online Practice Form A (Week 6/7)
  2. RN Pharmacology Online Practice Form B (Week 13/14)

See calendar for scheduled times of exams. ATI testing information found in the Gustavus Nursing Student Handbook and Appendix A of this syllabus.

1. **Assignments/ Grading Plan**

Points are assigned as follows:

Assignments

Clinical Assessment Assignment 50 pts

Medication Analysis Assignment 30 pts

Exams

Exam 1 70 pts

Exam 2 70 pts

Exam 3 70 pts

Exam 4 70 pts

ATI Proctored Exam: RN Pharmacology 40 pts

Lab/Simulation

Simulation Prep (1) 10 pts

Simulation Prep (2) 10 pts

Simulation Prep (3) 10 pts

-----------------------------------------------------------------------------------------------------------

**Total**  **430 points**

**X. Policies:**

Students will be held accountable for all College policies and those published in the GAC Nursing Student Handbook. Students should specifically review the policies on Academic Behavior and Academic Integrity (including plagiarism).

The College Honor Code will apply to all required learning activities: *“On my honor, I pledge that I have not given, received, or tolerated other’s use of unauthorized aid in completing this work.”*

1. **Course Policies:**

Students are required to participate in simulations, clinical/lab, class activities, and to take examinations on the scheduled days unless the department chair, in consultation with the course faculty, gives written permission to reschedule. Failure to show up will result in failure of the course activity. Students will be granted exceptions only for compelling reasons (e.g., start of internship positions, etc.).

1. **Attendance and Participation:**

**Classroom and Lab/Simulation:** It is expected that students are present every experience (class session, clinical, lab, simulation) prepared and on time. Attendance will be taken each day and is mandatory unless there exists a valid reason (a call or email must be made in advance). Make-up classroom activities, quizzes, etc., will not be allowed unless there is written notification of absence before class time. Your presence and committed participation in the course affects other students and your absence not only disrupts your own learning, it diminishes the experience of your classmates as well. If illness or other special circumstances prevent attendance in class and/or lab, students are responsible for contacting the instructor prior to the start of the experience.

1. **Late Assignments:** All course requirements must be submitted or completed by assigned due dates. All late course requirements must be negotiated with the faculty at least one academic day prior to the due date. Non-negotiated late course work will be reduced by 10% from the earned score per calendar day.
2. **Communication (email):** Students are responsible for checking their Gustavus email on a regular basis.
3. **Classroom:** Learning is an intentional activity. Treatment of class time by students (dress, behavior, attention) communicates a lot about seriousness with respect to the task.

* *Electronic devices:* Your complete attention will be required throughout class. Please stow and silence your phone, computers, etc. There may be instances where devises, such as laptops, may be used with my permission.
* *Respectful dialogue:* Respectful dialogue focuses on understanding other people’s positions and treating those positions with the same respect with which we would want other people to treat our positions. Please respect the written and oral discussion of opinions of all.
* *Food:* Eating during class time is a privilege. Please eat quietly and clean up after yourself. If eating becomes a distraction to faculty or other students, the privilege may be revoked.

1. **Nursing Simulation/Lab:** The nursing practice and simulation labs are learning environments. All scenarios, regardless of their outcome, should be treated in a professional manner. All simulated patient information is confidential and students will be accountable for upholding the requirements of the Health Insurance Portability and Accountability Act (HIPAA)***.*** The lab/simulation mannequins are to be used with respect and treated as if they were live patients. Please refer to the Simulation and Confidentiality Agreement in the Nursing Student Handbook.
2. **ATI:** See Appendix A for the policy related to ATI Proctored Exams.
3. **College Policies:**

**Academic Honesty/Plagiarism:**

Every Gustavus Adolphus College student agrees to abide by the academic honesty policy and honor code as a condition for enrollment. The honesty policy stipulates:

*In all academic exercises, examinations, presentations, speeches, papers, and reports, students shall submit their own work. Footnotes or some other acceptable form of citation must accompany any use of another’s words or ideas. Students are especially cautioned against quoting from or paraphrasing from electronic sources without proper citation is as serious a violation as copying from a book or other printed source.*

*A student may not submit work that is substantially the same in two courses without first gaining permission of both instructors if the courses are taken concurrently, or permission of the current instructor, if the work had been submitted in the previous semester.*

**Plagiarism:** The presentation of the work of another as one’s own. Plagiarism may take the form of inadequate or misleading use of sources, or the presentation of a written assignment as one’s own, when in fact, a significant portion or all of it is the work of others. *Students must be vigilant in their use of electronic sources, as no distinction will be made between misuse of such sources and misuse of written, non-electronic sources.* Students will complete all assignments utilizing APA 6th Edition format for citations.

Full descriptions of the Academic Honesty Policy and the Honor Code can be found in the Academic Catalog ([www.gustavus.edu/general\_catalog/current/acainfo](http://www.gustavus.edu/general_catalog/current/acainfo)).

**XI. Textbooks:**

**Required:**

ATI Optimal Essentials Package for RN Program.

Lewis, S.L., Bucher, L., Heitkemper, M.M., & Harding, M.M. (2017). *Medical-Surgical Nursing: Assessment and management of clinical problems* (10th ed). St. Louis, MO: Elsevier Mosby.

Lilley, L.L., Collins, S.R., Snyder, J.S. (2017). *Pharmacology and the Nursing Process* (8th ed.). St. Louis, MO: Elsevier Mosby.

Potter, P., Perry, A., Stockert, P., & Hall, A. (2017). *Fundamentals of Nursing* (9th ed.). St. Louis, MO: Elsevier Mosby.

ONE of the following:

Wilson, B.A., Shannon, M.T., & Shields, K. (2017). *Pearson nurse’s drug guide 2018.* Upper Saddle River, NJ: Pearson Prentice Hall

Skidmore-Roth, L. (2017). *Mosby’s Drug Guide for Nursing Students with 2018 updates* (12th ed.). St. Louis, MO: Elsevier Mosby.

**Recommended:**

Kee, J.L. (2013). *Laboratory and diagnostic tests with nursing implications* (9th ed). Prentice Hall.

**XII. Guidelines for Assignments / Course Activities**

1. Clinical Assessment Assignment: A comprehensive assessment is critical for analysis and interpretation of findings that is necessary to provide safe and holistic patient care. In addition to physical assessments, such as vital signs and labs, psychosocial, sociocultural, developmental, and spiritual assessment data are important when planning and providing patient-centered care. For this assignment, students will complete a holistic assessment on a patient from a chosen clinical experience in NUR335. See Clinical Assessment Assignment form for specific instructions.
2. Medication Analysis Assignment: As you quickly found out in Level I, our patients are prescribed many medications. The more medications prescribed, the more change of interactions and adverse effects. Polypharmacy is an important aspect to consider when caring for every patient. The National Patient and Safety Goals (NPSG) 2018 emphasize safety in healthcare, and specifically, NPSG Goal 3 is to improve the safety of using medications. This assignment will provide students with the opportunity to complete a medication analysis on a patient from a clinical experience in NUR335 and collaborate with other healthcare professionals in identifying an appropriate plan of care. See Medication Analysis Assignment guidelines for specific information. Specific instructions/directions will be provided prior to the experience.
3. Simulation Prep: Preparatory information will be provided for the 3 scheduled simulations. Students are expected to review medical diagnoses and preparatory questions. The following will be turned in as preparatory work:
   * Medication Profiles on all medications involved in the simulation
   * ATI active learning template on the diagnostic test associated with the simulation.
   * Nursing research/scholarly article within the last 10 years related to patient care associated with the simulation.
4. ATI Pharm Made Easy Modules: This course integrates the Pharmacology Made Easy modules from ATI as preparation for class days (see Course Schedule handout for assigned modules/dates). You may earn extra credit by turning in remediation/notes on the modules you view ***at the beginning of the first class period on that content***. In order to receive the full points allowed for remediating, you must have thorough outlines/notes OR detailed Active Learning Templates on any or all of the modules noted below:
   1. The Hematology System
   2. Immune – Drug Therapy for Cancer
   3. The Gastrointestinal System
   4. The Respiratory System
   5. The Endocrine System
   6. The Repro & GU System
   7. The Neurological System
   8. The Musculoskeletal System
   9. Infection
   10. The Cardiovascular System

Each individual module is worth a potential of 2 points (20 points total, about 5% of your final grade). The extra credit points may raise your grade by one partial grade (B to B+, etc.) but will not raise a failing grade to a passing grade.

Appendix A

ATI Proctored Assessment: ***RN Pharmacology 2016***

|  |
| --- |
| Content Mastery Series |
| 16 Points |
| Complete Practice Assessment(s): Required to sit for the Proctored Exam (s) 🡪 RN Pharmacology 2016 Form A & RN Pharmacology 2016 Form B  *Remediation for all students:*   * Minimum one hour focused review on each Practice Assessment. * Complete active learning templates and/or three critical points to remember for each topic that corresponds to each missed item (noted from Focused Review) and submit to faculty * If score is less than 71.7% on either/both Practice Assessments, complete Learning System Pharmacology Practice Assessment |

|  |  |  |  |
| --- | --- | --- | --- |
| Proctored Assessment | | | |
| Level 3  16 Points | **Level 2**  **12 Points** | **Level 1**  **4 Points** | **Below Level 1**  **0 Points** |
| 1 hour Focused Review   * Complete active learning templates and/or three critical points to remember for each “Topic to Review” that corresponds to each missed item and then submit them to your course faculty within 72 hours. | **2 hour Focused Review**   * Complete active learning templatesand/or three critical points to remember for each “Topic to Review” that corresponds to each missed item and then submit them to your course faculty within 72 hours. | **3 hour Focused Review**   * Complete active learning templatesand/or three critical points to remember for each “Topic to Review” that corresponds to each missed item and then submit them to your course faculty within 72 hours. * Complete Learning System RN Pharmacology Final Assessment | **4 hour Focused Review**   * Complete active learning templatesand/or three critical points to remember for each “Topic to Review” that corresponds to each missed item and then submit them to your course faculty within 72 hours. * Complete Learning System RN Pharmacology Final Assessment |
| 8 Points | **8 Points** | **8 Points** | **8 Points** |
| Total Points: 40/40 | **Total Points: 36/40** | **Total Points: 28/40** | **Total Points: 24/40** |