Hello and Welcome to this course entitled Advanced Pharmacology. My name is Dr. Tina Marie Majors, and I will be the facilitator for this course. This course is designed to expand the advanced practice student’s knowledge of pharmacotherapeutics. Broad categories of pharmacologic agents are explained. Skills to assess, diagnose, and manage a client’s common health problems in a safe, high quality, and cost-effective manner are emphasized. The purpose of the syllabus is to orient you to the course.

**COURSE NUMBER & TITLE:** NGR 6172 Advanced Pharmacology (A MSN On-Line Course)

**CREDIT/ CLASS TIME/ PREPARATION:** Three semester hour credits (This is a three hour theory course. In order to be successful, it is expected that students will need to spend at least 3 hours weekly preparing for each hour of academic credit, which translates to weekly preparation time of 9 hours including weeks with holidays).

**PLACEMENT:** NGR 6172 is a core master's level course.

**PRE-REQUISITES/ CO-REQUISITES:** Admission to MSN program or department permission.

**FACULTY:** Tina Marie Majors, DNP, ARNP, ANP-BC

11000 University Parkway, Bldg. 37, Room 128, Pensacola, FL 32514

**EMAIL:** tmajors@uwf.edu (Preferred)

**PHONE:** Office: (850) 473-7764 or Cell: (850) 529-3778 (preferred)

- Online office hours by appointment
- On campus office hours by appointment

**FAX:** 850-473-7769
INSTRUCTOR AVAILABILITY: In a regular classroom setting, faculty are generally available to meet with students before or after class, during scheduled office hours, or if an appointment is made. In an online course setting, faculty are available to answer questions in a different manner. It may take 24 hours for faculty to respond to your questions—especially after 5:00 PM (1700), excluding weekends and holidays.

Faculty will not be online 24 hours a day, 7 days a week. Expect a reasonable response time for your questions. Do not wait until the last minute to ask an important question—plan ahead! You can always post course related questions in the course Q & A. **Students are encouraged to answer other students questions when able.**

The best way to reach me is via email tmajors@uwf.edu. Please allow 24 hours during the work week to respond to your questions. Weekend e-mails will be answered on Monday. I will offer virtual office hours or on campus office hours by appointment only during the Summer Semester.

ABOUT THIS COURSE: This course is delivered totally online. You must have regular and reliable access to the internet as well as an email account. It is expected that you will have basic word processing skills, the ability to send/receive email with attachments, be able to search the internet and upload/download files. Also, you will need basic knowledge of PowerPoint. You will generally set your own study schedule as to which days and time of the day that you do your work and participate in class discussions, but please note that there are set due dates for all assignments. You cannot wait until the end of the semester and begin turning in all your assignments. You are responsible for your own learning - be sure to discipline yourself appropriately.

COURSE DESCRIPTION: This course will build upon basic pharmacologic principles developed in the professional nurse’s basic educational program. This course is designed to expand the MSN student’s knowledge of pharmacotherapeutics and pharmacokinetics of broad categories of pharmacologic agents. The purpose of the content is to provide the graduate the knowledge and skills to assess, diagnose, and manage a client’s common health problems in a safe, high quality, and cost-effective manner.

TOPICAL OUTLINE:

- Introduction
- Basic Principles of Pharmacology
- Drug Therapy Across the Life Span
- Peripheral Nervous System Drugs
- Central Nervous System Drugs
- Drugs that Affect Fluid and Electrolyte Balance
- Drugs that Affect the Heart, Blood Vessels and Blood
- Drugs for Endocrine Disorders
- Women’s Health
- Men’s Health
- Anti-inflammatory, Antiallergic, and Immunologic Drugs
TEACHING METHODS: Include assignments such as threaded discussions, case studies, quizzes, presentations, internet links, videos, readings, drug monographs

STUDENT LEARNING OUTCOMES: Upon successful completion of this course, the MSN student will be able to do the following:

CONTENT *

Describe and explain concepts of nursing, as well as other discipline theories, in the provision of holistic, quality care to diverse clients of all ages.

1. Demonstrate understanding of pharmacotherapeutics and pharmacodynamics of broad categories of drugs.
2. Differentiate the pharmacological actions of medications used to treat common disease entities and the physiologic/pathologic responses.

CRITICAL THINKING

Assess, apply, and analyze new research, knowledge, and healthcare policies to solve nursing problems, initiate changes, and improve nursing practices.

1. Evaluate drug regimens to support appropriate and safe drug therapy.

Use comprehensive databases and information technologies to research, analyze, and plan strategies for problem solving.

2. Synthesize and apply current research findings related to pharmacologic regimens for the management of selected diseases.
3. Design safe individualized pharmacotherapy plans based patient specific conditions, the problem being managed and cost effectiveness.

COMMUNICATION

Utilize professional, effective written and oral communication as a member of the interdisciplinary healthcare team.
1. Provide comprehensive and appropriate client education in relation to prescribed pharmacologic agents.

Incorporate health promotion and disease prevention in functional wellness teaching and health strategies for clients and healthcare agencies.

2. Analyze the effects of single and multiple drug regimens on the client’s health and functioning.

**INTEGRITY/VALUES**

Recognize, analyze, and evaluate ethical challenges and the ways in which these challenges impact client care and healthcare.

1. Demonstrate ethical principles regarding medication usage

Describe the need for life-long learning and describe a feasible plan ongoing professional development.

2. Develop a plan for maintaining a well-grounded understanding of pharmacology principles as it relates to professional practice.

Negotiate and assume the advanced nursing practice role in the healthcare community, government, and nursing profession

3. Describe the legal requirements for advanced practice nursing prescriptive authority and the legal requirements for writing prescriptions in the appropriate state.

**PROJECT MANAGEMENT**

The project management learning domain in nursing is organized into four categories with related student outcomes. Within each of the following categories, graduates should be able to do the following:

**PROJECT CONCEPTUALIZATION**

1. Integrate multidisciplinary concepts, resources, and research appropriately when developing client education in relation to prescribed pharmacologic agents.
It is important to familiarize yourself with the MSN Master’s Essentials. These guidelines help drive your educational journey. Please access link for further information http://www.aacn.nche.edu/education-resources/MastersEssentials11.pdf

MSN MASTER’S ESSENTIALS

1. Comprehend the pharmacotherapeutics of broad categories of drugs.
2. Analyze the relationship between pharmacologic agents and physiologic/pathologic response.
3. Understand the pharmacokinetics and pharmacodynamics of broad categories of drugs.
4. Understand the motivations of patients in seeking prescriptions and the willingness to adhere to prescribed regimens.
5. Safely and appropriately select pharmacologic agents for the management of patient health problems based on patient variations, the problem being managed and cost effectiveness.

ATTENDANCE POLICY

Students are expected to be present for all learning experiences and examinations. Students who have extraordinary circumstances preventing attendance should explain these circumstances to the course coordinator prior to the scheduled class or as soon as possible thereafter. Instructors will then make an effort to accommodate reasonable requests. A grade penalty may be assigned for late assignments. Students are responsible for responding to online assignments as part of their attendance. Make-up exams may not be available in all courses. Serious personal illness (that is, illness that requires the consultation of a physician) or a death in the family are considered excusable absence. In these cases, students will be granted an extension for getting required work submitted.

Minimum Technical Skills and Special Technology Utilized by Students

This course is totally online. All instructional content and interaction takes place over the WWW. In addition to baseline word processing skills and sending/receiving email with attachments, students will be expected to search the internet and upload / download files. You will need the following:

Internet Access (The faster the better!)

Activated Argus Account

Respondus Lockdown Browser (IMPORTANT, SEE NOTE BELOW FOR VIDEO TUTORIAL AND STUDENT GUIDE)

Microsoft Publisher

In addition, students may need one or more of the following plug-ins:
If you need additional software (such as Adobe Acrobat, Flash Player, Microsoft Publisher, etc.) to view all of the components of the course, go to UWF eLearning home page at https://elearning.uwf.edu/ and click on the link for Software Downloads. You can download them at no cost.

Students must have the ability to use search engines for supplementary course information, medication information, and patient teaching materials.

This course will have supplemental materials posted in eLearning. These postings will include course syllabus, class and clinical schedule, and notes for most of the class sessions. Students are urged to check eLearning at least twice per week for course updates and announcements.

REQUIRED TEXT(S):


RECOMMENDED TEXT(S):


USEFUL LINKS: Please see "Links" on course tool bar.

WEATHER EMERGENCY INFORMATION:

- WUWF-FM (88.1 MHz) is the official information source for the university. Any pertinent information regarding closings, cancellations, and the re-opening of campus will be broadcast.
- In the event that hurricane preparation procedures are initiated, the UWF HOME WEB PAGE and ARGUS will both provide current information regarding hurricane preparation procedures, the status of classes and the closing of the university.
- Emergency plans for the University of West Florida related to inclement weather are available on the following pages:

Information about hurricane preparedness plans is available on the UWF web site: [http://uwfemergency.org/hurricaneprep.cfm](http://uwfemergency.org/hurricaneprep.cfm)

Information about other emergency procedures is available on the UWF web site: [http://uwfemergency.org/](http://uwfemergency.org/)

ASSISTANCE FOR STUDENTS WITH DISABILITIES: The American Disabilities Act will be adhered to in NGR 6990. If there are aspects of the instruction or design of this course that hinder you full participation, such as time-limited exams, inaccessible web content, or use of non-captioned videos and podcasts, please notify the instructor or the SDRC as soon as possible. You may contact The Student Disability Resource Center (SDRC) by email at srdc@uwf.edu or by phone at (850) 474-2387. The webpage may be viewed at [http://uwf.edu/sdrc/](http://uwf.edu/sdrc/). Appropriate academic accommodations will be determined based on the documented needs of the individual.

The student is responsible for discussing implementation of any special accommodations/personal or course conflicts with the course coordinator. This must be completed by the second week of class.

HEALTH INSURANCE PORTABILITY & ACCOUNTABILITY ACT OF 1996 (HIPAA): All healthcare providers must comply with the federal regulations of this Act. It requires that identifiable patient information be disclosed on a need to know basis with a minimal amount of disclosure to perform a task. The patient’s consent for treatment covers access to the medical record for information needed for treatment purposes and educational purposes. All students will protect patient privacy during oral and written communications. Patient name, initials, address, phone/fax numbers, and social security number will be removed from all student assignments. Students may not copy or circulate papers containing private, confidential patient information. Faculty members will store confidential papers in a locked file or will shred confidential papers. Additionally, students will meet all mandated agency requirements for HIPAA. Since HIPAA is a federal law; violations may result in fines and/or imprisonment. A grade of zero will be assigned to any work submitted that does not adhere to this requirement.
EXPECTATIONS FOR ACADEMIC INTEGRITY/CONDUCT/PLAGIARISM POLICY:
As members of the University of West Florida, we commit ourselves to honesty. As we strive for excellence in performance, integrity-personal and institutional-is our most precious asset. Honesty in our academic work is vital, and we will not knowingly act in ways which erode that integrity. Accordingly, we pledge not to cheat, nor to tolerate cheating, nor to plagiarize the work of others. We pledge to share community resources in ways that are responsible and that comply with established policies of fairness. Cooperation and competition are means to high achievement and are encouraged. Indeed, cooperation is expected unless our directive is to individual performance. We will compete constructively and professionally for the purpose of stimulating high performance standards. Finally, we accept adherence to this set of expectations for academic conduct as a condition of membership in the UWF academic community.

The Student Code of Conduct sets forth the rules, regulations and expected behavior of students enrolled at the University of West Florida. Violations of any rules, regulations, or behavioral expectations may result in a charge of violating the Student Code of Conduct. It is the student's responsibility to read the Student Code of Conduct and conduct themselves accordingly.


PLAGIARISM: Plagiarism is defined by the university as "the act of representing the ideas, words, creations, or work of another as one's own." Should a student be found plagiarizing in a paper, nursing care plan, or log, the student will be reported by the faculty member to the Chair of the Nursing Department and follow the process described in the university's Student Life Handbook. Plagiarism is a serious offense in academia and may result in expulsion from the university. Students are directed to the examples available in the UWF Pace Library tutorials.

For complete information regarding Academic Misconduct, refer to the UWF Student Handbook or contact Student Affairs in Building 10, Room 201, 850-474-2214.

PAPERS: Papers are due in the "Dropbox" on the date & time specified. Any paper received after the designated date & time will be considered late and may have 5 points deducted for every day it is late. All late papers should be placed in the "Late Submission" folder in the "Dropbox."

Exception to date & time will be made only under extraordinary circumstances in the opinion of the instructor, and must be negotiated before the due date of the paper.

References are to follow APA 6th edition guidelines. You may obtain assistance on this format from the UWF Writing Lab. This instructor will not be teaching APA format.

All papers are to be in WORD or.rtf format. If the instructor is unable to open a document because it is submitted in the wrong format, it will be treated as late work with points deducted until it is resubmitted in a format that can be opened.
DO NOT USE WIKIPEDIA AS A REFERENCE ON ANY ASSIGNMENT OR DISCUSSION IN THIS COURSE OR ANY NURSING COURSE.

TURNITIN: UWF maintains a university license agreement for an online text matching service called TurnItIn. At the instructor’s discretion, she/he will use the TurnItIn service to determine the originality of student papers. If the Instructor submits your paper to TurnItIn, it will be stored in a TurnItIn database for as long as the service remains in existence.

If you object to this storage of your paper:

1. You must notify the instructor no later than two weeks after the start of this class.

2. The instructor will utilize other services and techniques to evaluate your work for evidence of appropriate authorship practices.

GRADING/POINTS SCALE: Grades will be communicated in eLearning under "Grades." Grades will not be sent by email; nor will grades be given over the telephone.

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<th>Grade</th>
<th>Minimum Score</th>
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<td>A-</td>
<td>90-92</td>
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*Constitutes a failure in this course

GRADED ASSIGNMENTS:

Course schedule and assignments will be posted. The due dates for assignments will be specified. Please be aware these assignments may change during the first week or two of class but I will post a revised schedule of assignments by the second week of class and notify every one of the change in the course home page discussion area.

DESCRIPTION OF ASSIGNMENTS: Please see "Course Schedule and Assignments" located under “COURSE MATERIALS” tab, then go to “Content” then go to "Important Course Information."
WITHDRAWAL DATES: Please refer to the UWF Student Handbook and Calendar for Events for these deadlines. This is your responsibility. No exceptions are made for withdrawal deadlines.

ONLINE QUIZ/TEST TAKING GUIDELINES--IMPORTANT INFORMATION

Please do not begin any timed, online exams/quizzes in the course that may overlap with eLearning maintenance window. The eLearning maintenance window runs 3:00-6:00am CST (Central Standard Time) each day. If you initiate an exam that overlaps with the eLearning maintenance times and experience technical difficulties, your score may not translate accurately and may be lost all together. There are no exceptions to this policy.

If you experience any other technical problems or errors during any timed exam/quiz, you are to notify your instructor via email immediately and then notify the helpdesk at helpdesk@uwf.edu or (850) 474-2075. Failure to contact the Help Desk for any technical problems will result in a grade of "0" for the assignment. If you are unable to get immediate assistance from the Help Desk during the exam or assignment attempts, but have documented the problem in an email or voice mail, you may attempt to restart the exam using the same browser, or attempt to re-enter the exam with another browser. If you are still unable to restart the exam and continue with saving, please note that for your final submitted score to be recorded, you must still prove that you documented the original technical problem with the Help Desk via email or phone. Failure to do so will result in an automatic "0" being assigned.

The quiz/tests will open each week on Sunday 8am and close on Tuesday 8AM unless otherwise stated by the course facilitator. You will be able to access the quiz on the assigned date and time ONLY. You must take the quiz within that time frame using the lockdown browser. The quiz will automatically close when the access time expires. The quizzes are open book, however they are time limited and if the student runs out of time, the student will not be able to restart the exam. While the quiz is open book, a closed approach is beneficial toward preparation and to test your knowledge of the content. Students benefit most from the course by studying the text and their individualized study notes. The quizzes are to be completed INDIVIDUALLY and NOT in groups. Students must adhere to the Student Honor Code when taking the online quiz. There will be no makeup exams except in the case of serious illness (that is, one that requires consultation with a physician). Should you miss an exam due to serious illness, you must contact me within 24 hrs via email or by phone. Make-up exams must be taken within one week of the exam date. You must provide documentation for your absence on the exam date.

Students who receive prior approval to miss an exam for a University approved function will be permitted to make up the exam, but must make arrangements to do so before the exam date. These exams must also be taken within one week of the exam date.

There will be up to eleven (11) quizzes. Each quiz may contain up to 50 multiple choice questions based on material from the readings. These exams allow 2 minutes per question and will test material covered in the interval following the last exam.
RESPONDUS LOCKDOWN BROWSER TUTORIALS:

You must download the respondus lockdown browser before the first quiz. Please view the following tutorial well in advance of the first quiz/test Introduction to respondus lockdown browser video (~4min) and Quick Start Student Guide for Respondus Lockdown Browser

OTHER POLICIES: See the Student Handbook for further policies of interest and importance.