Master Course Syllabus

*Your College,
Your Future*

Established 1969

NUR 106
Pharmacologic Basic in Nursing Practice

Course Number	**NUR 106**
Course Title	**Pharmacologic Basic in Nursing Practice**
Credit Hours	**2**
Prerequisites	**Acceptance into the ADN-RN program, C or better in General-Ed courses, Co-Req of NUR-101 Fundamentals of Nursing**
Course Description	**This introductory course outlines the basic concepts pf pharmaceutics, pharmacokinetics, pharmacodynamics, and pharmaco-therapeutics, medications interactions and potential adverse medication reactions The process of clinical calculations is introduced as well as the major drug classifications. Emphasis is placed on drug classifications and nursing care related to the safe administration of medication to patients across the life span.**
Course Objectives	**Apply principles of pharmacology, pharmacokinetics, and pharmacodynamics to medication therapy. (Critical Thinking)**
	Recognize the major classifications of medications, common medications within each classification, their side effects, and contraindications. (Patient Centered Care)
	Discuss nursing implications and concepts of safety when performing medication administration (Safety).
	Understand the legal and ethical implications / aspects of medication administration (Professionalism).
	Apply basic concepts of teamwork collaboration with identifying basic communications skills when administering and identifying medications within the healthcare environments (Teamwork and Collaboration).
	Apply basic concepts of clinical decision making when administering medications in the healthcare environment and educating the patient

	on proper medication administration (Communication) . Apply basic concepts of individualized care when administering medications in the healthcare environment (Evidenced based practice). Apply basic concepts with progressive nursing skills within technology and the healthcare environment (Informatics). Apply basic concepts with prioritizing medication administration to support safe, quality patient centered care (Leadership). Apply basic health related information on proper medication administration and education to the patient and families (Patient education). Apply basic quality improvements related to medication administration (Quality improvement)
Course Developer	**Dr. Heather Anderson**
Means of Instruction	**Lecture, discussions, demonstrations, reading assignments, written assignments, audio-visual material, and assigned journal readings, lab practices, return demonstrations**
Required Textbook/Written Materials/Supplies	*See Booklist online for current book.*

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General Education Core Competencies

General Education Core Competencies	Course Methodology, Content and/or Assessment
Communication: Students will be able to communicate effectively through reading, writing, speaking and listening. • Prepare written documents in a professional manner. • Develop oral communication skills to present information in a professional and appropriate manner. • Demonstrate appropriate listening skills in one-on-one and small and large group settings.	**The student is required to read assignments from the course textbook and outside sources.** **The student is required to participate in class discussion**

General Education Core Competencies	Course Methodology, Content and/or Assessment
Mathematical Reasoning: Students will apply those mathematical skills appropriate to their program of study. • Analyze and solve mathematical problems needed in the workplace, daily life and educational environment. • Interpret data using analytical methods.	**Basic mathematical and analytical skills are developed through defining drug calculation problems.** **The student will analyze alternatives and use formulas to solve problems**
Critical Thinking: Students will employ effective processes for resolving problems and making decisions. • Identify problems and potential causes. • Solve problems using basic research, analysis and interpretation. • Evaluate results of solutions and revise strategies as indicated by findings.	**The student will apply rational problem solving when implementing plan of care.** **The student will seeks consultation when clinical problems fall outside current knowledge or scope of practice**

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Technology Utilization: Students will apply knowledge of computers on a level compatible with job and/or educational demands. • Demonstrate a basic knowledge of computer applications including word processing, spreadsheets, databases, and presentation software. • Use basic operating system functions competently (e.g. store and retrieve data, load software). • Demonstrate communication and research skills through use of the internet.	**Students will protects the safety and privacy of the individual's computerized and paper health care records and information**

General Education Core Competencies	Course Methodology, Content and/or Assessment
Interpersonal Skills: Students will deal effectively and appropriately with others. • Interact well with individuals and groups from diverse backgrounds and cultures. • Work with others in situational analysis, problem solving, and task accomplishment. • Demonstrate respect for the rights, work, and views of others.	**Can work effectively with other students in completing assignments as a project team.** **Is able and willing to instruct less experienced students in completing work assignments.** **The student will collect data for individuals using standard protocol or tool: implement plan of care; report/record findings and assist in planning and evaluating care.** **The student will contribute to the development of nursing care plans.** **The student will express a caring and empathetic connection with individuals in order to provide compassionate, sensitive and appropriate care** **Demonstrates flexibility in assigned shared responsibilities.** **Interacts well with individuals from diverse backgrounds and cultures while refraining from discriminatory practices. (ex. Gender)**

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Professionalism: Students will exhibit professionalism through observances of a code of ethics, a sense of responsibility, good habits, and a positive attitude. • Demonstrate personal and business integrity and ethics. • Recognize, manage, and cope with the transitions of change. • Utilize informational resources for lifelong learning.	**The student will adhere to Nursing Code of Ethics.** **The student will respect privacy and dignity of the patient.** **The student will comply with the Nurse Practice Act.** **Be eager for a lifelong learning career**

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College Policies

Policy Type	Policy Description
Attendance Policy	It is the policy of Williamsburg Technical College that there are no excused student absences. Students are required to attend 90% of the scheduled contact hours of class. If more than 10% of scheduled contact hours are missed, the student will be dropped for excessive absences. Additionally, if a student is absent from every scheduled class of a course during the first two weeks of a term, the student will be dropped as a "no show" from that course. Individual instructors may set higher required attendance and tardy standards but must include those standards in their course syllabus and announce their standards in both the first- and second-class meetings each semester. Class rosters will be final as of the end of the second week of classes. For specific procedures related to this policy, refer to WTC Procedure D-23.1. Students may withdraw from a class at any time by completing a withdrawal form in the Student Services Office. A student can only receive a "WP" grade if withdrawal is completed in the Student Services Office prior to the last date to receive a "WP" grade published in the academic calendar. Students who fail to withdraw by the specified time will receive a letter grade for the course. For specific procedures related to this policy, refer to WTC Procedure D-23.1.
Policy Type	**Policy Description**
Policy for Students with Disabilities	The Student Affairs Division provides counseling and support services which help students with disabilities to pursue academic programs of their choice and participate fully in campus life. The VP for Student Affairs can arrange counseling, special parking, priority registration, and other reasonable services needed by students with disabilities. Students with disabilities are encouraged to contact the VP for Student Affairs to discuss needs and concerns as they arise.
Policy for Academic Misconduct	All forms of academic dishonesty including, but not limited to, cheating on tests, plagiarism, collusion, and falsification of information will call for discipline. See the Student Code & Grievance Procedure in the Williamsburg Technical College Catalog for details.

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Grading Policy	The College operates on the semester hour system, and the following symbols are used in grading: A-- Excellent B -- Above Average C -- Average D -- Passing F -- Failure I -- Incomplete WF -- Withdrawal while failing WP -- Withdrawal while passing
Policy for Class Safety and Emergencies	Injuries must be reported to the VP for Student Affairs immediately. Insurance claim forms are available in the Student Affairs division. Please refer to the college catalogue for more information on how Williamsburg Technical College addresses safety and emergency issues. For additional information, contact Student Affairs at 843.355.4162. Students taking coursework at off-site locations are responsible for reading and adhering to all safety instructions and guidance at the off-site location. Health Services and First Aid Williamsburg Technical College is a commuter institution; therefore, infirmary facilities are not provided. Basic first aid for minor injuries is available, and first aid kits are located in various departments of the College. Major illness or injury will be treated by health professionals. The campus is located adjacent to Williamsburg Regional Hospital. Each student is covered by accident insurance at no additional cost. This group insurance covers the student while on campus and during college-sponsored group travel.