



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title – Pharmacology

Course Prefix and Number – RNSG 1301

Department – Associate Degree Nursing

Division – Allied Health

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours # : Lecture hours# : Lab/other hours # 3:3:0

Equated Pay hours for course - 3

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Course Catalog Description - Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. Topics include the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework.

Prerequisites/Corequisites - Admission to the Associate Degree Nursing Program or director's approval. Corequisites: RNSG 1260, RNSG 1513, and RNSG 1205. [Offered fall semester.]

Approvals – the contents of this document have been reviewed and are found to be accurate.

Prepared by Sarah Clark	Signature <i>Sarah Clark</i>	Date 9/18/07
Department Head Sarah Clark	Signature <i>Sarah Clark</i>	Date 9/18/07
Division Chair	Signature <i>Lac</i>	Date 9-20-07
Vice President	Signature <i>Joyce</i>	Date 9-26-07



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non lecture instruction):

The Nursing Process and Drug Therapy; Pharmacologic Principles; Life Span Considerations; Legal, Ethical, and Cultural Considerations; Patient Education and Drug Therapy; Antihistamines, Decongestants, Antitussives, and Expectorants; Bronchodilators and Other Respiratory Agents; Cardiac Agents; Diuretic Agents; Coagulation Modifier Agents; Antilipemic Agents; Analgesic Agents; Antiinflammatory, Antirheumatoid, and Related Agents; Central Nervous System Depressants and Musculoskeletal Relaxants; Antiepileptic Agents; Antiparkinsonian Agents; General and Local Anesthetic Agents; Central Nervous System Stimulants; Antacid and Acid Controllers; Antiemetic Agents; Pituitary Agents; Thyroid and Antithyroid Agents; Antidiabetic and Hypoglycemic Agents; Adrenal Agents; Immunosuppressant Agents; Immunizing Agents; Antineoplastic Agents; Biologic Response Modifiers; Adrenergic Agents; Adrenergic-Blocking Agents; Cholinergic Agents; Cholinergic-Blocking Agents; Antidiarrheals and Laxatives; Antibiotics; Antiviral Agents; Antifungal Agents; Women’s and Men’s Health Agents, Dosage Calculations

II. Course Learning Outcomes

Course Learning Outcome	Method of Assessment
<p>In the classroom, the learner will apply theoretical concepts using the nursing process along with principles of drug administration to assist the adult client experiencing maladaptation to stressors in order to promote, maintain, or restore maximum level of wellness.</p> <p>Implement safe administration of drugs based on standard routes and methods of drug administration to include safe dosage calculations.</p>	<p>Module exams Final exam</p> <p>Calculation Competency Ninety percent (90%) competency will be obtained on a comprehensive calculation exam in 1 out of 3 attempts. Competency must be obtained before administration of medications in the clinical area. Failure to obtain 90% competency on the pharmacological calculation exam in 1 out of 3 attempts, will result in failure of RNSG 1301.</p>

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Nursing pharmacology text and drug dosage calculation text

IV. Suggested Course Maximum - 60

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Data projector and computer, calculators.

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Grading Scale: A = 92-100; B = 83-91; C = 75-82; D = 65-74; F = 0-64

Module Exams (4)= 75%

Comprehensive Final Exam (1)= 20%

Quizzes –Will not be made-up. May be unannounced = 5%

Calculation Competency

Ninety percent (90%) competency will be obtained on a comprehensive calculation exam in 1 out of 3 attempts.

Competency must be obtained before administration of medications in the clinical area.

Failure to obtain 90% competency on the pharmacological calculation exam in 1 out of 3 attempts, will result in failure of RNSG 1301.

A grade of “C” is required to receive credit for this nursing course and progress in the program.

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)

No additional documentation needed

- **Academic WCJC Core Course**

Attach the Core Curriculum Checklist, including the following:

- Basic Intellectual Competencies
- Perspectives
- Exemplary Educational Objectives

- **WECM Courses**

Attach the following:

- Program SCANS Matrix
- Course SCANS Competencies Checklist

SCANS Matrix

Program: Associate Degree Nursing CIP: 51.1601									
LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
Competencies								Course Number	Course Title
1	2	3	4	5	6	7	8		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2401	Anatomy & Physiology I
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2402	Anatomy & Physiology 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2420	Microbiology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1322	Nutrition
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSYC 2301	Intro to General Psychology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSYC 2314	Lifespan Growth & Development
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1301	English Composition I
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1302	English Composition 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HUMA	Humanities
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 1260	Clinical
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 1205	Nursing Skills I
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 1513	Foundations for Nursing Practice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 1301	Pharmacology
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 1441	Common Concepts of Adult Health
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 1461	Clinical
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 2213	Mental Health Nursing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 2161	Clinical
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 1251	Care of the Childbearing Family
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 2262	Clinical
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 2201	Care of Children and Families
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 2263	Clinical
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RNSG 1343	Complex Concepts of Adult Health
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 2231	Advanced Concepts of Adult Health
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 2463	Clinical
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNSG 2207	Transition to Nursing Practice
								COMPETENCY REFERENCES	
								8 Basic use of computers	
								7 Workplace Competencies: resources; interpersonal skills; information; systems; and technology.	
								6 Personal Qualities: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	
								5 Thinking Skills: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	
								4 Speaking and Listening: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	
								3 Arithmetic or Mathematics: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	
								2 Writing: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	
								1 Reading: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	



Course Prefix & Number: RNSG 1301	
SCANS COMPETENCIES FOR THIS COURSE	
Competency	Method of Assessment
1 READING: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	Assigned textbook readings
2 WRITING: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	
3 ARITHMETIC OR MATHEMATICS: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	Math competency exam
4 SPEAKING AND LISTENING: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	Module exams Final exam
5 THINKING SKILLS: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	Module exams Final exam
6 PERSON QUALITIES: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	Observation of professional behaviors in the classroom as identified in the ADN Student Handbook
7 WORKPLACE COMPETENCIES: resources; interpersonal skills; information; systems; and technology	Module exams Final exam
8 BASIC USE OF COMPUTERS	