



School of Health Professions
Nurs Upper (BSN)

Course Information

Course: NUR 3145, PHARMA ALTER THERAPEUTICS (Section Section Title)

Section Number: Section Section Number

Course Reference Number: Section CRN

Delivery Method: Section Delivery Method

Campus: Section Section Campus

Credit Hours: 3 Credits - 3 Lecture Hours - Course Lab Hours Lab Hours - Course Other Hours Other Hours

Course Description: This course builds on the student's knowledge of pharmacology and therapeutics. Major categories of pharmacological agents and alternative, nutritional, and complimentary therapies are explored. Application of pharmacologic concepts, drug interactions, legal responsibilities, and nursing considerations are examined.

Prerequisites/Co-requisites

Course Prerequisites: Acceptance into the RN to BSN Program. Current valid, unencumbered, and unrestricted RN license.

Course Co-requisites: Course Co-requisites

Topic Outline

Topic Outline:

- Principles of Pharmacotherapeutics, Pharmacodynamics, and Pharmacokinetics
- Drug Administration and the Nurse's Role
- Alternative and Complementary Therapies
- Medications, Nutrients, and Therapies Associated with Neurology and Psychiatric Therapies
- Medications, Nutrients, and Therapies Associated with the Endocrine System
- Medications, Nutrients, and Therapies Associated with the Digestive System
- Medications, Nutrients, and Therapies Associated with the Cardiovascular System
- Fluids/Electrolytes and Acid-Base
- Medications, Nutrients, and Therapies Associated with the Pulmonary System
- Medications, Nutrients, and Therapies Associated with the Immune System and Used to Treat Infections
- Medications, Nutrients, and Therapies Associated with Anesthesia and Pain
- Medications, Nutrients, and Therapies Associated with Cancer Therapies

Student Learning Outcomes

All courses at Florida SouthWestern State College contribute to the General Education Program by meeting one or more of the following General Education Competencies:

Communicate clearly in a variety of modes and media.

Research and examine academic and non-academic information, resources, and evidence.

Evaluate and utilize mathematical principles, technology, scientific and quantitative data.

Analyze and create individual and collaborative works of art, literature, and performance.

Think critically about questions to yield meaning and value.

Investigate and engage in the transdisciplinary applications of research, learning, and knowledge.

Visualize and engage the world from different historical, social, religious, and cultural approaches.

Engage meanings of active citizenship in one's community, nation, and the world.

A. General Education Competencies and Course Outcomes

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student's general education along with the general education competency it supports.

General Education Competency: Investigate

Course Outcomes or Objectives Supporting the General Education Competency Selected:

- Apply critical thinking concepts to planning and managing care in the acute and chronic care environments resulting in clear, technically accurate, and specific descriptions of patient conditions and appropriate remediation.
- Integrate theory, research, ethical, legal, and professional standards to demonstrate accountability in healthcare leadership decisions.

General Education Competency: Evaluate

Course Outcomes or Objectives Supporting the General Education Competency Selected:

- Incorporate evidence-based research into the design of nursing interventions for populations, groups, families, and individuals in their environments.
- Analyze data from a comprehensive holistic health assessment of populations, groups, families, and individuals across the lifespan in their environment with caring and compassionate behavior.

B. Other Course Objectives/Standards

| NUR 3145 PHARMACOLOGY AND ALTERNATIVE THERAPEUTICS | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| END OF PROGRAM STUDENT LEARNING OUTCOMES | COURSE OUTCOMES |
| 1. Synthesize knowledge from nursing and the physical, behavioral, psychological, and social sciences, and the humanities in the practice of professional nursing. | Integrate pharmacotherapeutics, pharmacodynamics, pharmacokinetics, chemistry, and toxicology into clinical reasoning. |

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| | <p>Compare and contrast the types of medication and /or alternative therapies used for identified disorders.</p> <p>Identify teaching learning needs of the patient receiving pharmacological and non-pharmacological treatments.</p> <p>Identify the impact of an individual's culture and genetics on utilization of a medication regimen.</p> |
| <p>2. Integrate global health and health care, its relevant issues, and policies as they relate to professional nursing practice.</p> | <p>Identify the impact of an individual's culture and genetics on utilization of a medication regimen.</p> |
| <p>3. Evaluate research in the exploration of the spectrum of health within the framework of evidence-based practice.</p> | <p>Describe and integrate the pharmacological principles related to medication administration in evidence-based practice.</p> <p>Identify the impact of an individual's culture and genetics on utilization of a medication regimen.</p> |
| <p>4. Synthesize standards of professional practice and care.</p> | <p>Describe safe medication administration with regard to drug actions, clinical indications, adverse reactions, drug interactions, efficacy, and discuss the implications for nursing care.</p> <p>Discuss legal and ethical nursing responsibilities related to medication administration and pharmaceutical development and their application to nursing practice.</p> |
| <p>5. Articulate the role of the professional nurse within interprofessional teams.</p> | <p>Discuss legal and ethical nursing responsibilities development and their application to nursing practice related to medication administration and pharmaceutical.</p> |
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| 6. Analyze current and changing healthcare information technologies and systems. | Describe and integrate the pharmacological principles related to medication administration in evidence-based practice. |
| 7. Summarize the components of leadership and followership in professional nursing practice. | Distinguish between the advantages and disadvantages of each type of medication used to treat disorders and ways to ensure patient safety. Describe safe medication administration with regard to drug actions, clinical indications, adverse reactions, drug interactions, efficacy, and discuss the implications for nursing care |
| 8. Interpret the social responsibility of the nursing profession in the development and implementation of health care policy. | Discuss legal and ethical nursing responsibilities development and their application to nursing practice related to medication administration and pharmaceutical. |

Institution Policies

Programs for Students with Disabilities

Florida SouthWestern State College, in accordance with the Americans with Disabilities Act and the College's guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of ADAptive Services at the nearest campus. The office locations and telephone numbers for each campus are located on the [Office of ADAptive Services website](#).

Reporting Title IX Violations

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct. Students who need to report an incident or need

to receive support regarding an incident should contact the Equity Officer at equity@fsw.edu. Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online. Additional information and resources can be found on the [College's website](#).

Financial Aid and Attendance Verification

Florida SouthWestern State College, in accordance with Federal Regulations, is responsible for verifying student attendance and engagement in classes before federal financial aid funds are distributed. In order to demonstrate both your attendance and engagement in this class, you will need to complete the attendance verification assignment within the first week of class. To complete the assignment, click on the "Attendance Verification" link on the Canvas course menu. Additional information and resources can be found on the College's Financial Aid website.

Academic Integrity Policy

At FSW, we believe in the power of honesty and integrity as the pillars of academic excellence. As part of our college community, it's crucial that you understand the importance of these values in your academic journey. All work submitted by students for credit in this course is required to adhere to [FSW's Academic Integrity Policy](#). This means cheating on coursework is unacceptable, will receive a "0" grade, and may be subject to disciplinary action. FSW faculty may use Turnitin, Packback, CheckGPT, or similar tools to evaluate coursework for plagiarism and/or artificial intelligence (AI) generated content.

Cheating or other academic misconduct can include, but is not limited to:

- Copying information from published or unpublished sources (online or in print) without citing those sources.
- Copying someone else's work or allowing someone else to copy yours.
- Submitting written work generated by AI as your own without direct authorization from your professor.
- Submitting work for credit that has already been submitted for credit in another class, even if you wrote it.

- Unethical distribution or use of exam content.

According to the [Academic Policies and Procedures section of the College Catalog](#), “Those in charge of academic tasks have an obligation to make known the standards and expectations of acceptable academic conduct. Each student has an obligation to know and understand those standards and expectations.” As such, each student should review the policies and procedures outlined in the [Academic Integrity Policy](#) and expect that any violation of these policies will be subject to disciplinary action.

If you have any questions about these principles, reach out to your professor. They are here to help you succeed. Let's work together to maintain an honest, vibrant learning environment at FSW!

Course Assessment

In this course, students will be assessed on three discussions, four quizzes, two scholarly papers and one case study.

Tutoring and Support Services

Academic Tutoring

FSW provides professional in-person and online tutoring through its [Tutoring Centers](#) located inside the campus library. Tutoring Centers consist of Math Center, Writing Center, and the Peer-Tutoring Center. In addition to on-campus tutoring services, the College provides all students 24/7 access to Tutor.com.

For additional help with this course, the student may:

1. Meet with the Professor during posted office hours.
2. [Seek On-Campus Assistance](#): Each Campus, as well as the Hendry/Glades Center, has at least one place where students can go for assistance with academics. All are available to each student, regardless of the location or type (on-campus, online, etc.) of the class.
3. [Request a tutor](#) from the Florida SouthWestern State College Peer Tutoring Center.

4. Use the Online 24/7 Tutoring Services (tutor.com). Look for the link in your Canvas course navigation menu.

All of these services are available to the student at no additional cost.

BUCS Care Services

[Bucs Care Services](#) is focused on educating and informing the community through caring, advocacy, and supportive endeavors. FSW cares about our student's holistic development and wellness. We believe that for all students to be successful, support must be given on an emotional, social, physical, and intellectual basis.

Care Services include:

- [Wellness Hub](#) (Mindfulness@FSW)
- [Care Pantry](#)
- [Mental Health Services](#)
- [Public Health Resources](#)
- [Active Minds](#)
- [Homeless Student Resources](#)

If you feel you are struggling and need to speak with someone concerning personal issues, please do not hesitate to contact the Care Services office via email (bucscare@fsw.edu) or phone (239-489-9046) for community resources and group counseling.

Grading Policy

| Grade Percent | Letter Grade |
|----------------------|---------------------|
| 89.5-100 | A |
| 79,5-89,4 | B |
| 69.5-79.4 | C |
| 60-69.4 | D |
| Below 60 | F |

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.”)