



School of Health Professions
Nurs Upper (BSN)

Course Information

Course: NUR 3125, PATHOPHYSIOLOGY/NURSING (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 upon the student's knowledge of human anatomy and physiology, nursing science, genetics, and growth and development. An in-depth integration of normal and altered physiological and pathologic mechanisms of body systems and life span development and dysfunction are examined. A variety of episodic and chronic health challenges from individual, family and community perspectives will be explored. This is a web-based course requiring students to complete assignments and learning activities online.

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:

- The Immune System
- Cellular Proliferation: Cancer and the Hematologic System
- The Neurological System
- The Endocrine System
- Cardiovascular and Lymphatic Systems
- The Pulmonary System
- The Renal and Urologic Systems
- The Reproductive System
- The Gastrointestinal System
- The Musculoskeletal and Integumentary Systems
- Genetics and Genomics

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: Research

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.

General Education Competency: Evaluate

Course Outcomes or Objectives Supporting the General Education Competency Selected:

- 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 3125 Pathophysiology for Nursing Practice	
END OF PROGRAM STUDENT LEARNING OUTCOMES	COURSE OUTCOMES
1. Synthesize knowledge from nursing	Utilize scientific basis for sound nursing

<p>and the physical, behavioral, psychological, and social sciences, and the humanities in the practice of professional nursing.</p>	<p>decisions based on pathology, pathogenesis, and etiology of disease. Utilizes diagnoses, prognoses, sequela, and clinical manifestations associated with altered health states as a scientific basis for sound nursing decisions.</p>
<p>2. Integrate global health and health care, its relevant issues, and policies as they relate to professional nursing practice.</p>	<p>Utilize the role of theory and research related to altered health states as a basis for improving the nursing profession through the integration of evidence-based practice.</p> <p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic, and political factors as a basis for the improvement of health outcomes in the management of care.</p> <p>Distinguish how facilitation of health care delivery can be tailored to meet the needs of clients of diverse cultures and ages experiencing selected pathophysiologic phenomena.</p>
<p>3. Evaluate research in the exploration of the spectrum of health within the framework of evidence-based practice.</p>	<p>Recognize basic epidemiologic patterns, including genetics and genomics, associated with health alterations as a scientific basis for sound nursing decisions. Utilize the role of theory and research related to altered health states as a basis for improving the nursing profession through the integration of evidence-based practice.</p>
<p>4. Synthesize standards of professional practice and care.</p>	<p>Utilizes diagnoses, prognoses, sequelae, and clinical manifestations associated with altered health states as a scientific basis for sound nursing decisions.</p>

	<p>Distinguish how facilitation of health care delivery can be tailored to meet the needs of clients of diverse cultures and ages experiencing selected pathophysiologic phenomena.</p> <p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic, and political factors as a basis for the improvement of health outcomes in the management of care.</p>
<p>5. Articulate the role of the professional nurse within interprofessional teams.</p>	<p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic, and political factors as a basis for the improvement of health outcomes in the management of care.</p> <p>Utilize the role of theory and research related to altered health states as a basis for improving the nursing profession through the integration of evidence-based practice.</p> <p>Recognize the need for lifelong learning in the study of altered health states.</p>
<p>6. Analyze current and changing healthcare information technologies and systems</p>	<p>Distinguish how facilitation of health care delivery can be tailored to meet the needs of clients of diverse cultures and ages experiencing selected pathophysiologic phenomena.</p> <p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic, and political factors as a basis for the improvement of health outcomes in the management of care.</p>
<p>7. Summarize the components of leadership and followership in</p>	<p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic,</p>

<p>professional nursing practice.</p>	<p>and political factors as a basis for the improvement of health outcomes in the management of care.</p> <p>Utilize the role of theory and research related to altered health states as a basis for improving the nursing profession through the integration of evidence-based practice.</p> <p>Recognize the need for lifelong learning in the study of altered health states</p>
<p>8. Interpret the social responsibility of the nursing profession in the development and implementation of health care policy.</p>	<p>Analyze contemporary trends in science and nursing, ethical/legal, socioeconomic, and political factors as a basis for the improvement of health outcomes in the management of care.</p> <p>Recognize the need for lifelong learning in the study of altered health states</p>

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](#).

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 twelve PrepU Mastery assignments, five discussions, one scholarly paper, three PrepU comprehensive quizzes, and one APA quiz.

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.”)