SOUTHWEST TECH
SOUTHWEST TECHNICAL COLLEGE

PN 1073 - Introductory Clinical Pharmacology (4 Credits)

Course Description

Introductory Clinical Pharmacology provides you with an introduction to basic pharmacology. In this course, you will explore the major drug classifications along with general drug actions, common adverse reactions, contraindications, precautions, and interactions. You will discuss how the nursing process is used as a framework for presenting care of the patient as it relates to the drug and the drug regimen. You will identify ways to promote an optimal response to therapy, how to monitor and manage adverse reactions, and important points to keep in mind when educating patients about the use of these drugs. When you have completed this course, you will be able to demonstrate the basic methods used in the administration of drugs in the context of safety and patient-centered care.

Course Objectives

- Label medications using generic and brand names (EPSLO # 1, 2, 3, 4, 5).
- Categorize characteristics of medications and their classifications (EPSLO # 1, 2, 3, 4, 5).
- Apply basic concepts of pharmacology when providing safe client care (EPSLO # 1, 2, 3, 4, 5).
- Discuss how the LPN functions as a member of the health care team when administering medications (EPSLO # 1, 2, 3, 4, 5).
- Recall best practices in methods used to administer medications (EPSLO # 1, 2, 3, 4, 5).
- Discuss methods used to optimize client response to medication therapy (EPSLO # 1, 2, 3, 4, 5).
- Identify techniques to manage adverse reactions to medications (EPSLO # 1, 2, 3, 4, 5).

Course Outline

- Nursing Foundation of Clinical Pharmacology
- Drugs That Fight Infections
- Drugs Used to Manage Pain
- Drugs That Affect the Urinary System
- Drugs That Affect the Endocrine System
- Drugs That Affect Other Body Systems
- Drugs That Affect the Gastrointestinal System
- Drugs that Affect the Immune System
- Drugs That Affect the Respiratory System
- Drugs that Affect the Cardiovascular System
- Drugs That Affect the Central Nervous System
- Drugs that Affect the Peripheral Nervous System
- Drugs that Affect the Neuromuscular System
- Final

Textbook & Reading Materials

vSim for Pharmacology, Lippincott Williams & Wilkins, ISBN: 9781469894362

Classroom Hours

Start: 08-08-2024
End: 12-05-2024

Thursday
9:00AM - 4:00PM

For a full list of course hours visit: [Course Schedule](#)

Instructor Contact Information

Preston Dye — pdye@stech.edu Marie Smack — msmack@stech.edu

Office Hours: By appointment

Email is the preferred method of communication; you will receive a response within 24 hours during regular business hours.

Canvas Information

Canvas is the where course content, grades, and communication will reside for this course.

- stech.instructure.com
- For Canvas, Passwords, or any other computer-related technical support contact Student Services.
- Regular Hours and Weekdays (435) 586 - 2899
- After Hours & Weekends (435) 865 - 3929 (Leave a message if no response)

Course Policies

See Student Policy and Orientation Manual

Additional Information

InformaCast Statement: Southwest Tech uses InformaCast to ensure the safety and well-being of our students. In times of emergency, such as weather closures and delays, this app allows us to promptly deliver notifications directly to your mobile devices. To stay informed and receive real-time updates, we encourage all students to sign up for notifications. Your safety is our priority, and staying connected ensures a swift response to any unforeseen circumstances. More information and directions for signing up are available at: https://stech.edu/emergency-notifications/

Internet Acceptable Use Policy: The student is expected to review and follow the Southwest Technical College Internet Safety Policy at: https://stech.edu/students/policies/

Student Code of Conduct Policy: The student is expected to review and follow the Southwest Technical College Student Code of Conduct Policy at: https://stech.edu/students/policies/

Accommodations: Students with medical, psychological, learning, or other disabilities desiring accommodations or services under ADA, must contact the Student Services Office. Student Services determines eligibility for and authorizes the provision of these accommodations and services. Students must voluntarily disclose that they have a disability, request an accommodation, and provide documentation of their disability. Students with disabilities may apply for accommodations, based on an eligible disability, through the Student Services office located at 757 W. 800 S., Cedar City, UT 84720, and by phone at (435) 586-2899. No diagnostic services are currently available through Southwest Technical College.

Safety and Building Maintenance: The College has developed and follows a variety of plans to ensure the safe and effective operation of its facilities and programs. The following plans are available online:
1) Facilities Operations and Maintenance Plan; 2) Technical Infrastructure Plan; and 3) Health and Safety Plan.

Withdrawals and Refunds: Please refer to the Southwest Technical College Refund Policy at: https://stech.edu/students/policies/

Any high school or adult student, who declares a technical training objective is eligible for admission at Southwest Technical College (Southwest Tech). Program-specific admissions requirements may exist and will be listed on the Southwest Tech website. A high school diploma or equivalent is not required for admission but is mandatory for students seeking Title IV Federal Financial Aid.

Non-Discriminatory Policy: Southwest Technical College affirms its commitment to promote the goals of fairness and equity in all aspects of the educational enterprise, and bases its policies on the idea of global human dignity.

Southwest Tech is committed to a policy of nondiscrimination. No otherwise qualified person may be excluded from participation in or be subjected to discrimination in any course, program or activity because of race, age, color, religion, sex, pregnancy, national origin or disability. Southwest Technical College does not discriminate on the basis of sex in the education programs or activities that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about Title IX and its regulations to STECH may be referred to the Title IX Coordinator, to the Department of Education, and/or to the Office for Civil rights.

If you believe you have experienced discrimination or harassment on our campus, please contact the Title IX Coordinator, Cory Estes: cestes@stech.edu, (435) 865-3938.

For special accommodations, please contact the ADA Coordinator, Cyndie Tracy: ctracy@stech.edu, (435) 865-3944.
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