

PHARMACOLOGY FOR MEDICAL CAREERS

COURSE CODE: 5570

STUDENT PROFILE

STUDENT'S NAME:		TEACHER'S NAME:			
School Year/Semester:		Grade:			
Begin Date:		Date Completed:			
<p>Directions: Document student's progress using the applicable rating scales below: Enter date of completion under the appropriate column.</p> <p>0 - Has not received instruction in this area / no experience or knowledge of this task (N/A)</p> <p>1 – Can apply and perform independently (80-100)</p> <p>2 – Can perform the task completely with limited supervision (70-79)</p> <p>3 – Requires additional instruction and or close supervision (60-69)</p>					
FOUNDATION STANDARDS 1: ACADEMIC FOUNDATION		0	1	2	3
1	Apply pharmacological understanding as it relates to body systems including but not limited to: a. Cardiovascular b. Renal (Kidney) c. Central and peripheral nervous systems d. Endocrine (Liver)				
2	Understand the classification of drugs including: a. Generic medications vs. brand medications b. Chemical Classifications c. Drug interactions d. Stability e. Incompatibility f. Storage g. Narrow therapeutic index medications (NTI) h. Indications for use of medication				
3	Demonstrate medical math principles. a. Roman numerals b. Fractions c. Decimals d. Percentage e. Ratio proportions f. Temperature conversions g. Weight h. Dosage calculations				
4	Recognize pharmacological terminology. a. Abbreviations b. Medication routes of administration				
FOUNDATION STANDARD 2: COMMUNICATIONS		0	1	2	3
1	Discuss third party reimbursement.				
2	Practice appropriate communication with team members.				

3	Demonstrate soft skills and telephone skills when engaging in customer service.				
4	Interpret basic terminology commonly used in pharmacological interactions.				
FOUNDATION STANDARD 3: SYSTEMS		0	1	2	3
1	Discuss insurance options vs. self-pay. a. Coordination of benefits (prior authorizations, rejections, co-pays) b. Coupons c. Rx discount cards				
2	Recognize types of practice settings. a. In-patient pharmacy setting b. Out-patient pharmacy setting c. Retail pharmacy setting d. Pharmaceutical companies e. Government agencies (Ex: USPHS)				
3	Identify the importance of the organizational structure of a pharmacy.				
FOUNDATION STANDARD 4: EMPLOYABILITY SKILLS		0	1	2	3
1	Discuss and demonstrate soft skills.				
2	Demonstrate respectful and empathetic interactions.				
3	Display and discuss basic professional standards. a. Traits b. Attitudes c. Personal hygiene d. Language e. Confidentiality f. Behavior g. Dress				
4	Expand on components of a professional portfolio.				
5	Understand the process of obtaining employment.				
FOUNDATION STANDARD 5: LEGAL RESPONSIBILITIES					
1	Identify handling and disposal of pharmaceutical substances and waste.				
2	Recognize the requirements for controlled substance prescriptions. a. DEA substance schedules b. Initial prescription vs. refill or transfer prescription				
3	Understand how controlled substances are: a. Received b. Stored c. Ordered d. Labeled e. Dispensed f. Taken back				
4	Maintain HIPAA compliance.				

5	Evaluate requirements for restricted drug programs (ex: pseudoephedrine).				
6	Discuss the recall system for drug supplies.				
7	Define prescription fraud.				
8	Summarize the pharmacy technician's scope of practice.				
FOUNDATION STANDARD 6: ETHICS		0	1	2	3
1	Practice fair and equal treatment to all clients and co-workers.				
FOUNDATION STANDARD 7: SAFETY PRACTICES		0	1	2	3
1	Employ safe work practices and follow health and safety policies and procedures to prevent injury and illness. a. Ergonomics b. Infection control				
2	Comply with OSHA regulations.				
3	Understand hazard symbols (Ex: hazmat) .				
4	Demonstrate error prevention strategies. a. Right medication b. Right dosage c. Right person d. Right route				
5	Identify the process of reporting errors. a. Types of errors b. Drug recalls				
FOUNDATION STANDARD 8: TEAMWORK		0	1	2	3
1	Discuss the experience of working as a team member during the assigned clinical experience.				
2	Identify the members and responsibilities of the pharmacy team.				
3	Differentiate between tasks performed by a pharmacy technician and those that must be performed by a pharmacist (scope of practice).				
FOUNDATION STANDARD 9: HEALTH MAINTENANCE PRACTICES		0	1	2	3
1	Promote disease prevention and model healthy behaviors (Ex: health screenings).				
2	Identify how stress and anxiety can play a role in wellness and disease.				
3	Examine the role of nutrition and body weight and its significance in the dosing and absorption of drugs.				
4	Describe the importance and significance of: a. Patient compliance b. Complimentary and alternative medicine (CAM)/over the counter (OTC)/prescription drug interactions c. Food to drug interactions and drug to drug interactions d. Therapeutic equivalent				

FOUNDATION STANDARD 10: TECHNICAL SKILLS		0	1	2	3
1	Demonstrate skills and knowledge as appropriate. a. Medical math procedures b. IV flow rates c. Compounding mixtures d. Oral suspensions e. Injection types f. Count, measure, and pour medication into appropriate container. g. Making medication labels h. Vital signs review i. Equipment needed for drug administration j. TPN preparation and therapeutic fluid indications				
2	Identify lot numbers, expiration dates, dispense as written (DAW) codes, and National Drug Code (NDC) numbers.				
FOUNDATION STANDARD 11: INFORMATION TECHNOLOGY APPLICATIONS		0	1	2	3
1	Enter and maintain electronic patient profiles				
2	Demonstrate use of basic computer procedures.				
3	Understand basic electronic cash register procedures.				
4	Identify electronic insurance forms.				
5	Access and use electronic references and resources as needed to perform job duties.				