

SPEP 3-5: Community 2 Rotation Learning Objectives

Pharmacy students are trained in accordance with the competency elements of the National Association of Pharmacy Regulatory Authorities (NAPRA)¹. The table below reflects 9 competency elements associated with learning objectives and specific learning activities. By the end of the SPEP Community 2 Rotation the student will be able, but not limited, to do the following:

Professional Competency #1: Ethical, Legal and Professional Responsibilities	
1.1.	Maintain awareness of the legal requirements and regulations to the practice setting
	<ul style="list-style-type: none"> • Describe workplace, safety, and other related legislation to the practice setting
1.2.	Uphold ethical principles
	<ul style="list-style-type: none"> • Behave in an ethical manner for the interest of the patient and the profession
1.3.	Maintain awareness of illegal, unethical, or unprofessional actions or situations in practice
	<ul style="list-style-type: none"> • Discuss emerging issues, products, services that may impact patient care
	<ul style="list-style-type: none"> • Respond openly to positive feedback and modify behavior, if necessary
1.4.	Apply principles of professionalism
	<ul style="list-style-type: none"> • Maintain confidentiality when engaging in site specific or patient specific information
	<ul style="list-style-type: none"> • Demonstrate respect for patients and other healthcare personnel

<ul style="list-style-type: none"> Practice self-assessment by recognizing one's limitation and implementing a self-learning plan
<ul style="list-style-type: none"> Demonstrate accountability for actions and decisions
<ul style="list-style-type: none"> Display conscientiousness and follow through on tasks and actions
<ul style="list-style-type: none"> Discuss situations of actual and perceived conflict of interest
<ul style="list-style-type: none"> Utilize time efficiently and is punctual
<ul style="list-style-type: none"> Adhere to professional attire
<p>Professional Competency #2: Patient Care</p>
<p>2.1. Develop a professional relationship with the patient</p>
<ul style="list-style-type: none"> Observe the student interact with patients or caregivers and pay attention to how the student introduces herself to the patient, shows empathy, speaks at a level appropriate to the patient, and makes the patient feel comfortable to ask questions
<p>2.2. Obtain information about the patient</p>
<ul style="list-style-type: none"> Under preceptor supervision conduct interviews with patients or caregivers in order to get information on his/her health concerns as further described under 2.3 below
<p>2.3. Assess the patient's health status and concerns</p>
<ul style="list-style-type: none"> Observe the preceptor interview patients to determine referral to a physician, need for medication, medication compliance and monitoring needs
<ul style="list-style-type: none"> Under preceptor supervision, interview at least 2 patients to assess the need for treatment or referral to a physician
<ul style="list-style-type: none"> Under preceptor supervision, interview at least 2 patients or caregivers to assess medication compliance

<ul style="list-style-type: none"> • Under preceptor supervision, interview at least 2 patients or caregivers to assess health literacy
<ul style="list-style-type: none"> • Under preceptor supervision, instruct at least 2 patients on how to use a blood pressure machine or blood glucose monitor
<ul style="list-style-type: none"> • Under preceptor supervision, estimate BMI for at least 2 patients and counsel on weight management
<ul style="list-style-type: none"> • Under preceptor supervision, perform a thorough medication history including allergy assessment for at least 2 patients
<p>2.4. Determine the patient's actual and potential drug therapy problems</p>
<ul style="list-style-type: none"> • Identify and prioritize drug related problems including adverse drug events, drug interactions, and/or suboptimal treatment
<ul style="list-style-type: none"> • List at least 2 preventative care issues that was discussed with at least 2 patients
<ul style="list-style-type: none"> • Assess through the student's patient case presentation, patient case discussions, and SOAP note documentation between the student and preceptor
<p>2.5. Develop the patient's care plan, in partnership with the patient and in collaboration with other health professionals</p>
<ul style="list-style-type: none"> • Under preceptor supervision, assist at least 5 patients in the selection of an OTC product based on the patient's health goals.
<ul style="list-style-type: none"> • Under preceptor supervision, recommend an alternative medication for at least 2 patients due to a drug interaction or drug allergy
<ul style="list-style-type: none"> • Discuss with the preceptor at least 2 outpatient diseases encountered during the rotation
<ul style="list-style-type: none"> • Assess through the student's patient case presentation, patient case discussions, and SOAP note documentation between the student and preceptor
<p>2.6. Implement the patient's care plan</p>
<ul style="list-style-type: none"> • Assess through the student's patient case presentation, patient case discussions, and SOAP note documentation between the student and preceptor

2.8. Monitor the patient's progress and assess therapeutic outcomes
<ul style="list-style-type: none"> Educate at least 2 patients on optimal therapeutic outcomes, specifying measurable endpoints, target values and timeframes for prescribed products.
<ul style="list-style-type: none"> Follow at least 2 patients during the 1 month rotation
<ul style="list-style-type: none"> Assess through the student's patient case presentation, patient case discussions, and SOAP note documentation between the student and preceptor
Professional Competency #3: Product Distribution
3.1. Dispense a product safely and accurately that is appropriate for the patient
<ul style="list-style-type: none"> Identify, read, and evaluate components of the prescription
<ul style="list-style-type: none"> Select, count, label, and package prescriptions accurately
<ul style="list-style-type: none"> Review a prescription for appropriateness of drug, route, dose, quantity, drug interactions, duplication, duration, allergies, patient specific conditions, and cost effectiveness
<ul style="list-style-type: none"> Review and discuss at least 20 prescriptions with the preceptor
<ul style="list-style-type: none"> Enter prescriptions into a medication database, if available
<ul style="list-style-type: none"> Perform calculations for compounding, dispensing, and administering medications for at least 5 prescriptions during the 1 month rotation
<ul style="list-style-type: none"> If applicable, prepare and compound extemporaneous preparations
<ul style="list-style-type: none"> Describe the process for assuring accuracy in all steps of processing prescriptions and list at least 2 measures used at the site to prevent dispensing errors
<ul style="list-style-type: none"> Explain the process to assure the work accuracy of pharmacy support personnel (technicians and cashiers)

<ul style="list-style-type: none"> Identify drug diversion and drug misuse in the pharmacy and name at least 1 safety measure used to prevent medication diversion or misuse
<p>Professional Competency #4: Practice Setting</p>
<p>4.1. Familiarize with the operations in the practice setting</p>
<ul style="list-style-type: none"> Discuss how medications are organized on the shelves (e.g. therapeutic class, generic/brand name, fast movers, formulations)
<ul style="list-style-type: none"> Describe the role of each pharmacy personnel (e.g. pharmacists, technicians, cashiers, other)
<ul style="list-style-type: none"> Discuss if the number of personnel is adequate to complete the workload for each shift
<p>4.2. Be familiar with medication ordering, receipts, returns, and related inventory control</p>
<ul style="list-style-type: none"> Review the policies and procedures of the pharmacy including those related to medication storage, inventory, as well as for the preparation, clean-up, and disposal of all types of medications
<ul style="list-style-type: none"> Discuss how often it occurs and the time required to receive the order once it has been placed
<ul style="list-style-type: none"> State how expired medications are disposed at the site
<p>4.3. Be familiar with record keeping activities to ensure safe, effective and efficient patient care</p>
<ul style="list-style-type: none"> Discuss the licensing and regulatory procedures for operation of the pharmacy
<ul style="list-style-type: none"> Discuss the requirements for obtaining a pharmacist license to work in a community pharmacy in Qatar
<ul style="list-style-type: none"> Be exposed to third party billing procedures and list at least 2 insurance plans accepted at the site
<ul style="list-style-type: none"> Give an example of a patient case in which you had to apply pharmacoeconomic principles to provide the most cost-effective therapy for the patient

Professional Competency #5: Health Promotion	
5.1	Engage in health promotion activities with the patient
	<ul style="list-style-type: none"> Educate patients or caregivers on health wellness, improvement, and/or disease prevention
	<ul style="list-style-type: none"> Under preceptor supervision, estimate BMI for at least 2 patients and educate him/her on weight management strategies
	<ul style="list-style-type: none"> Under preceptor supervision, assess for the presence of preventable cardiovascular (CVD) risk factors for at least 1 patient and educate him/her on CVD risk
	<ul style="list-style-type: none"> Under preceptor supervision, assess for smoking status for at least 1 patient and educate him/her on smoking cessation strategies
Professional Competency #6: Knowledge and Research Application	
6.1	Apply knowledge and judgment into the decision-making process.
	<ul style="list-style-type: none"> Perform a literature search for at least 1 journal article that pertains to patient care at the rotation site; read and analyze the article with the preceptor
6.2	Respond to questions using appropriate strategies
	<ul style="list-style-type: none"> Identify the medical references and other resources to answer drug information questions available at the pharmacy
	<ul style="list-style-type: none"> Utilize at least 1 pharmacy reference available at your site and 2 primary literature sources to answer drug information questions and document the rationale for using these references
6.3.	Apply relevant information to practice
	<ul style="list-style-type: none"> Provide drug information requests to healthcare providers and patients in a timely and accurate fashion
	<ul style="list-style-type: none"> Under preceptor supervision, provide at least 2 drug information requests to a health care provider and document the response and the references utilized.

Professional Competency #7: Communication and Education
7.1. Establish and maintain effective communication skills
<ul style="list-style-type: none"> Observe the preceptor interact and communicate with physicians (over the phone), pharmacists, and pharmacy technicians
<ul style="list-style-type: none"> Use listening skills consistently when performing professional functions
<ul style="list-style-type: none"> Use correct grammar, punctuation, and spelling in written communication
<ul style="list-style-type: none"> Use correct pronunciation of technical, medical, and pharmaceutical terminology
7.2. Implement safe, effective and consistent communication systems.
<ul style="list-style-type: none"> Communicate at the appropriate level for a given situation
<ul style="list-style-type: none"> Under preceptor supervision, have at least 2 interactions with at least one of the following patients: child, elderly, or if possible someone with special needs (e.g. disability) with regards to medications
<ul style="list-style-type: none"> Communicate in a self-assured, confident manner
7.3. Provide education to a group of patients or healthcare providers
<ul style="list-style-type: none"> Prepare a 10-15 minute presentation that would be beneficial to the practice site
<ul style="list-style-type: none"> Present a journal club to the pharmacy staff (see 6.1)
Professional Competency #8: Intra and Inter-Professional Collaboration
8.1. Maintain collaborative professional relationships

<ul style="list-style-type: none"> Describe the appropriate procedure for contacting the prescriber with questions concerning a patient's prescription
<ul style="list-style-type: none"> Under preceptor supervision, have at least 1 interaction with a physician (over the phone, if possible), 2 interactions with a pharmacist, and 1 interaction with the pharmacy technician with regards to a medication-related problem/issue & briefly discuss the medication issue for each case with the preceptor (see 7.1)
<p>Professional Competency #9: Quality and Safety</p>
<p>9.1. Contribute to a culture of patient safety</p>
<ul style="list-style-type: none"> Understand and if possible, participate in patient safety initiatives available at the pharmacy
<p>9.2. Become familiar with continuous quality improvement and risk management activities related to pharmacy practice</p>
<ul style="list-style-type: none"> Recognize commonly used pharmacy abbreviations and medical terminology
<ul style="list-style-type: none"> Recognize unsafe abbreviations used at the practice setting and discuss with the preceptor
<ul style="list-style-type: none"> Discuss with the preceptor the procedure if a medication incident, prescription error, or adverse drug event occurs
<ul style="list-style-type: none"> Identify the occurrence of 1 medication incident, adverse drug event or close call and describe how harm was mitigated and discuss the prevention strategies for reoccurrence with the preceptor.

¹<https://napra.ca/wp-content/uploads/2022/09/NAPRA-Comp-for-Cdn-PHARMACISTS-at-Entry-to-Practice-March-2014-b.pdf>