

# Colorado Pharmacy Residency Teaching Certificate Program 2025-2026

Administered through the Department of Clinical Pharmacy  
University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences

## **Program Goal:**

To provide an opportunity to enhance teaching skills through practical training and actual hands on teaching experience both in the university setting as well as the clinical practice setting. A focus will be placed on both classroom and clinical practice teaching/precepting. Participants of the program should feel comfortable with designing and implementing educational programs within the clinical practice environment, as well as gain adequate exposure to consider if a career in academia is desired. The Teaching Certificate is awarded to participants that successfully complete the program requirements.

## **Program Outcomes:**

- 1) The program participant will be able to demonstrate their expanded knowledge in a variety of instructional settings.
- 2) The program participant will possess an enhanced teaching skill set to utilize in both the classroom and clinical setting
- 3) The program participant will be able to create a teaching portfolio following completion of required experiences.

## **Target Audience:**

To some degree, all pharmacists are educators with the delivery and setting varying widely. As such, opportunities to develop skills as an educator are needed. The Colorado Pharmacy Residency Teaching Certificate Program is intended for pharmacists with an interest in developing skills to create and deliver effective education in a variety of settings including but not limited to classroom teaching, occasional lecturing and/or precepting of students. Participants do not have to be committed to a career path targeting full time academia.

## **Time Commitment and Requirements to Be Awarded Teaching Certificate**

The Colorado Pharmacy Teaching Certificate Program will consist of the following components:

- 1) Attendance at regularly scheduled workshops (in person or remotely) in which a specific aspect of teaching is explored and participants are provided tools for success
- 2) Participation and evaluation of each participant within a defined area of teaching throughout the year
- 3) Completion of both pre- and post-program surveys is also required.

### Monthly Workshops:

- ☐ **Attendance at the first workshop on August 12, 2025 is mandatory.** Thereafter, attendance at 5 of the 6 remaining workshops is required (i.e. a total attendance requirement of 6 of 7 workshops, including the first one on Aug 12).
- ☐ All workshops will be 2 hours in length and scheduled in the early evening from 6:00-8:00 pm Mountain Time (MT).
  - Pre-work will be required prior to each workshop to allow for optimal discussions during workshops. This pre-work will be available on Canvas (an online learning platform) at least 2 weeks in advance of the live session.

### Workshop Topics and Dates

Workshop #	Date	Topic
1	Tuesday August 12, 2025 6:00-8:00 pm MT <i>Location: School of Pharmacy Room 1000 (In Person)</i>	Orientation and Discussion of Program Requirements  <b>Foundational Topics/Skills Covered:</b>  <i>Small Group Facilitating Skills Intro to Teaching Portfolio</i>
2	Tuesday August 26, 2025 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>Developing Teaching Outcomes and Learning Objectives</i>
3	Tuesday September 16, 2025 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>Presentation Skills: Habits of Highly Effective Presentations</i>
4	Tuesday October 7, 2025 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>Developing a Teaching Philosophy Precepting Skills Primer</i>
5	Tuesday February 10, 2026 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>Inclusive Teaching and Precepting</i>
6	Tuesday March 10, 2026 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>AI Use in Pharmacy Education</i>
7	Tuesday April 7, 2026 6:00-8:00 pm MT <i>Location: Zoom</i>	<b>Foundational Topics/Skills Covered:</b>  <i>Dealing with Unprofessional Students/Difficult situations</i>

### *Elective Module Sessions:*

- Participants must complete at least 3 of the self-directed electives from the listed options in order to complete the teaching certificate program.
- Some electives will build upon the foundational topics/skills covered in the workshops
- Participants are encouraged to select modules that align with personal academic/teaching interests
- Elective content and assignments will vary based on particular program, however this is generally a 30-minute recorded lecture or reading assignment with a submission/activity

### Elective Module Topics

*Note: Available topics may vary based on availability of faculty with particular expertise. Refer to Canvas for the final topic choices.*

<b>Academic Electives</b>	<b>General Electives</b>	<b>Preceptor Electives</b>
<i>Scholarship of Teaching and Learning</i>	<i>Mentorship</i>	<i>Entrustable Professional Activities (EPA)</i>
<i>Exam Item Writing</i>	<i>Self-Assessment of Teaching</i>	<i>Generational Precepting</i>
<i>Active Learning</i>	<i>Educational Gaming</i>	
<i>Academic Pursuits</i>	<i>Six High Yield Learning Strategies</i>	
	<i>Universal Design for Learning</i>	

### *Teaching Portfolio:*

- ☐ Completion of a teaching portfolio will be required to complete the teaching certificate for the year.
- ☐ Please see specific item check-off list for portfolio.
- ☐ All portfolio materials will be uploaded through the Canvas website no later than **May 1, 2026**. Specific details on the portfolio uploads will be distributed to the participants.

### *Hands-on teaching experiences: Completion of each component is required*

#### 1) Precepting of pharmacy students engaged in Introductory Pharmacy Practice Experiences (IPPEs) and Advanced Pharmacy Practice Experiences (APPEs)

- ☐ The expectation of the teaching certificate program is that participants will, at a minimum, co-precept IPPE/APPE students from local/regional schools of pharmacy
- ☐ Evaluation of participants within this activity should be accomplished through the standard ASHP Goals and objectives pertaining to precepting that are required of each program

## 2) Didactic Teaching Experience

- ☐ The expectation of the program is that participants are afforded the opportunity to provide a 1-hour traditional didactic presentation on a topic of their or their program's choosing. If not able to give a 1-hour presentation, this requirement may be met by delivering two 30-minute presentations.
- ☐ For some participants, there may be opportunities to provide a 1-hour didactic presentation within the curriculum of local/regional schools of pharmacy. It is the expectation that each individual residency program will provide the opportunity for this teaching experience for participants.
- ☐ Any setting in which the participant will deliver a 1-hour presentation (such as Grand Rounds, pharmacy staff education, CE presentation, etc.) may be used to meet this requirement. Presentation at the Residency Conference of the Rockies (or other similar resident conferences) will not be considered to meet this requirement.
  - If residency program directors wish that their participants complete this requirement by delivering a lecture within the pharmacy curriculum of local schools of pharmacy, the Teaching Certificate coordinators will attempt to facilitate this. However, due to limited availability, we cannot guarantee that each resident may be afforded this opportunity.
- ☐ Evaluation of participants' performance should be completed using the rubric provided by the Colorado Pharmacy Residency Teaching Certificate Program, with a copy of the completed rubric submitted through Canvas.

## 3) Small Group Teaching/Facilitating

- ☐ The expectation is that participants will participate in active learning courses at local/regional schools of pharmacy
- ☐ The expectation is that each participant will have a **minimum of 10 hours of assessment and/or facilitation throughout the year.** Hours must be completed at a school or college of pharmacy, with at a **minimum 6 hours** at the CU Skaggs School of Pharmacy and Pharmaceutical Sciences (can be done remotely, when available). The Colorado Pharmacy Residency Teaching Certificate Program's Facilitation Documentation form will be required to be submitted with a faculty signature for each completed facilitation session.
- ☐ The Colorado Pharmacy Residency Teaching Certificate program directors will be responsible for working with participants to set up the necessary classroom time to meet the requirement. It is the responsibility of residents to sign-up for these opportunities in a timely manner.
- ☐ Every effort to accommodate specific scheduling needs of each participant will be made. However, there may be limitations regarding the timing of opportunities for participation in active learning courses due to the curricular schedules of the participating schools.
- ☐ Evaluation of the participant's performance will be through self-assessment/reflection based on the individual facilitation experiences. The self-assessment/reflection will be submitted as part of the portfolio. There is no standard form for the reflection, thus examples will be provided.

**Enrollment in Colorado Pharmacy Residency Teaching Certificate Program:** Enrollment in the program will be open until **July 31, 2025**. Confirmation of enrollment will be sent by email from the Program Directors to the individual residents and their Residency Program Directors.

**Program Completion**

Program directors will review teaching portfolios and assess for completion of all program requirements in May. Participants who successfully completed all program requirements will receive their electronic teaching certificate via email in June.

**Program Directors:**

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