

Course Syllabus for Clinical Practicum III/IV (Institutional)

Practicums III and IV will take place at sites in either community pharmacies or institutional pharmacies. Roughly half of the students will be in the each setting each semester. The order in which students complete the objectives in each type of setting does not matter. This document contains the objectives and grading criteria for the students completing the institutional experience.

Goals

The goals of this course are to continue to expose the student to pharmacy as a profession; to reinforce and strengthen their understanding of the role the pharmacist plays in the health of the patient; to help them apply the knowledge that they are acquiring in their didactic coursework by allowing them to use that knowledge for the benefit of real patients; and to allow them to practice the technical skills necessary to be a successful pharmacist.

Ability Based Outcomes

The student should be able to dispense medications pursuant to a medication order, including beginning to understand the process of identifying, resolving, and preventing medication-related problems, under the direct supervision of the pharmacist.

The pharmacy student should be able to understand and participate in the compounding of select sterile and non-sterile products.

The pharmacy student should be able using appropriate references and communication technique to cooperate successfully with other health care professionals to provide information or to resolve problems with a patient's therapy.

The pharmacy student should be able to understand, describe, and adhere to the laws and regulations governing the practice of pharmacy in the institutional setting.

The pharmacy student should be able to perform their assigned tasks in an ethical and professional manner

The student should be able to act as part of a team to design, implement, and present a project relating to the activities of their practice site

Course Format

The first week of this course will be an orientation to the practicum and organization of the practicum teams. Teams will be made up of five or more students which will all be practicing at the same site.

Student teams will be assigned at the beginning of the semester to a site and a preceptor or team of preceptors who will oversee their practicum. The preceptor's role will be to supervise the student team, and assign activities to help them meet their objectives.

Activities

During the course of the semester the student will:

- Attend the two-day orientation for the course that occurs on the first two days of the semester.
- Attend the site orientation session for each designated site on the first Friday after the orientation.
- Participate in the practice of pharmacy at their designated site once per week during the three hours designated for the specific site, alternating with other members of their team.

The student present each day will have specific tasks assigned by the preceptor that will be their responsibility to perform along with additional tasks of interest that might come up during the course of practice. Each student will be responsible for maintaining communications with the other members of their team.

- Complete and present a team project.

As a team the students will identify a project (approved by the preceptor) within the first 3 weeks. (See the list of suggested projects on the web site)

The team will collect that data/complete the tasks necessary to the project

The team will compile their data and present the outcome of their project to their preceptor(s)

The team will present their project in a poster session at the end of the semester. (check the web site for help regarding the creation of poster sessions)

Grading

Grading for the course will be by letter grade using the following criteria:

- **Competency Demonstration.** (45 points)

Students are required to show competency of the required knowledge, skills, and attitudes required to meet objectives of the course. The competency checklist on the next page should be completed by the end of the semester. The percentage of the competencies completed will be used to determine the number of points.

- **Attendance** (25 points)

Experiential learning requires that the student be on-site to learn. Absences significantly decrease the learning experience. Any absence that is not made up will subtract 10 points from this total. An excused absence that is made up will not subtract points from this total. An unexcused absence that is made up will only subtract 5 points from this total.

- **Team responsibility.** (10 points)

Teams are responsible to provide a student for the designated time each day. If someone from the team must be absent then the team is responsible to provide a replacement. Any day that a student is not at the site will subtract 5 points from the grade of each member of the team.

- **Project** (10 points)

Projects will be graded at the end of the semester by a team of practicum preceptors.

- **Preceptor satisfaction** (10 points)

Preceptor satisfaction with performance, teamwork, and level of professional conduct exhibited during the practicum

A	≥93
B+	≥87
B	≥83
C+	≥77
C	≥73
D+	≥67
D	≥63

Competency checklist

Under the direct supervision of the preceptor or a supervising pharmacist, the student should show that they are competent in each of the areas listed below. The preceptor or supervising pharmacist should initial each line when competence has been adequately demonstrated. In many situations there may be multiple pharmacists supervising the student depending on the pharmacists' shifts or the area of the pharmacy operation in which the student is participating. The initials placed below should be those of the supervising pharmacist who has actually witnessed the demonstration of competence.

Competency

Preceptor's Initials

The pharmacy student has demonstrated that they can:

- Interpret medication orders for completeness and accuracy. _____
- Prepare, fill, and document medication orders accurately. _____
- Understand the process of identifying, resolving, and preventing medication-related problems. _____
- Communicate with health professionals to confirm or clarify medication order information. _____
- Observe the preparation (and prepare, if appropriate) IV admixtures using aseptic technique. _____
- Observe the preparation (and prepare, if appropriate) compounded products including unit dose prepackaging of products. _____
- Describe the differences between horizontal and vertical laminar flow hoods, quality control procedures in the aseptic preparation of parenteral products, and safety precautions in the preparation of specialty products. _____
- Use appropriate references available in the pharmacy to answer questions from health professionals. _____
- Describe the appropriate and necessary licensure, permits, and equipment needs of the pharmacy. _____
- Describe the record keeping for controlled substances and poisons received, stored, and dispensed by the pharmacy. _____
- Describe the pharmacy's quality assurance program, including medication error prevention, narcotic inventory control, and pharmacy inspections, etc. _____
- Comprehend the legal and professional standards governing pharmacy. _____
- Comply with regulations and deal ethically with colleagues and patients. _____
- Use professional judgement when interpreting professional standards in the patient's interest. _____
- Demonstrate an understanding of the pharmacist's responsibility to the care of the patient, and respect the confidentiality of the patient. _____
- Cooperate with other personnel and maintain a good attitude when completing duties in the pharmacy or outside of the pharmacy. _____
- Demonstrate human relation skills with patients, patient families, and health professionals _____

There may be sites that will not be able to provide the activities necessary to meet all these competencies. In such a case the preceptor should mark those competencies as **N/A** (Not Available). If the activities were available but for reasons outside the control of the student they were unable to participate in them, the preceptor should mark these as **N/O** (No Opportunity)

Grade Sheet

The primary preceptor should complete the following grade sheet and attach any written comments on separate pages. The student should sign the sheet indicating that they have seen the evaluation. Each supervising pharmacist who initialed the competency sheet should sign and initial one of the blanks provided below. The competency sheet and this grade sheet should then be mailed or faxed to the address or fax number shown below. Alternatively they can be sealed in an envelope and returned to the OEP by hand.

Office of Experiential Programs
 University of Florida, College of Pharmacy,
 Box 100486 HSC
 Gainesville, Florida 32610-0486

(352) 392-5964
 FAX # (352) 846-0162

Grade Component	Points Gained
Demonstration of Competencies (45)	
Attendance (25)	
Team Responsibility (10)	
Project (10)	
Preceptor Satisfaction (10)	
Point Total/ Final Grade	

Student Name	Student Signature
Primary Preceptor Name	Primary Preceptor Signature
Supervising Pharmacist Name	Supervising Pharmacist Signature
Supervising Pharmacist Name	Supervising Pharmacist Signature
Supervising Pharmacist Name	Supervising Pharmacist Signature
Supervising Pharmacist Name	Supervising Pharmacist Signature