

PHA5166L Professional Skills Lab VI

Spring 2026 | 1 Credit Hour – [A-E Grading]

This course continues the development of essential skills a pharmacist is expected to perform in practice. The skills emphasized during this course include gathering patient data, assessing the information to identify problems, developing an individualized care plan, implementing the care plan and monitoring and evaluating a patient. Additional skills include medication dispensing, enteral and parenteral nutrition, infusion pumps, and pharmacoepidemiology and drug safety. Patient care focus is for patients with neurological, psychiatric, and complex problems as well as geriatric and pediatric populations. The patient care skills and tasks taught in this course will prepare you to enter into community, ambulatory and hospital practice settings.

Course Prerequisites: Successful completion of all Year 1 and Year 2 Pharm.D. program coursework including milestones.

Course Corequisites: PHA5789C: Patient Care VII and PHA5876C: Patient Care VIII

Course Faculty and Staff	
Course Director	Instructional Designer
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Faculty and Staff: [Who to Contact and Questions to Ask](#)

Office Hours: Please see the Canvas course site for posted office hours.

Faculty Locations:

Gainesville	PTR: MSB 0445, PG-22 PEP: HPNP 2336
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Jacksonville	Tower 2, First Floor
Orlando	UFRAC 420

Course Objectives and Educational Outcomes	
Course Objectives	Linked Educational Outcome
1. Assess need for enteral nutrition product and counsel patients on use.	Provider
2. Recommend appropriate medication administration methods in patient receiving enteral nutrition products.	Provider
3. Deliver an educational presentation within given parameters.	Communicator
4. Collect and assess a medical and medication history from a patient, family member, or caregiver.	Provider
5. Present a succinct oral patient summary and therapeutic plan recommendations to another healthcare provider.	Provider
6. Document patient care recommendations and interventions.	Provider
7. Defend a therapeutic plan verbally using guidelines and primary literature.	Communicator Learner
8. Formulate a therapeutic plan, including nonpharmacological options, for assigned patients.	Provider
9. Provide follow-up on treatment plans for assigned patients.	Provider
10. Provide medication choice and dose recommendations tailored to pediatric and geriatric populations. a. Perform parenteral nutrition product calculations and understand order sets. b. Perform point of care testing, counsel patient on results and provide appropriate treatment or referral recommendations.	Provider
11. During all skills laboratory simulations and activities: a. Demonstrate altruism, integrity, trustworthiness, flexibility, and respect in all interactions. b. Display preparation, initiative, and accountability consistent with a commitment to excellence. c. Deliver patient-centered care in a manner that is legal, ethical, and compassionate. d. Recognize that one's professionalism is constantly evaluated by others.	Professional

Entrustable Professional Activities
1. Collect information necessary to identify a patient's medication-related problems and health-related needs.
2. Assess collected information to determine a patient's medication-related problems and health-related needs.
3. Create a care plan in collaboration with the patient, others trusted by the patient, and other health professionals to optimize pharmacologic and nonpharmacologic treatment.
4. Contribute patient-specific medication-related expertise as part of an interprofessional care team.
5. Answer medication-related questions using scientific literature.
6. Implement a care plan in collaboration with the patient, others trusted by the patient, and other health professionals.
8. Educate the patient and others trusted by the patient regarding the appropriate use of a medication, device to administer a medication, or self-monitoring test.
9. Monitor and evaluate the safety and effectiveness of a care plan.
11. Deliver medication or health-related education to health professionals or the public.
12. Identify populations at risk for prevalent diseases and preventable adverse medication outcomes.

Course Resources and Fees

Course Outline

See Appendix A. Please routinely check your Google campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

Required Textbooks/Readings

Use [UF VPN to access UF Libraries Resources](#) when off-campus. The UF HSC library staff can assist you with questions or issues related to accessing online library materials. For assistance contact your College of Pharmacy librarian or visit the [HSC Library Website](#) at this URL: <http://www.library.health.ufl.edu/>

Readings will be posted in Canvas.

Suggested Textbooks/Readings

None

Other Required Learning Resources

1. Non-programmable calculators are required. Phone/laptop/mobile calculators are not permitted
2. Top 300 Drugs Flashcards
 - The flashcards are available for free through Access Pharmacy: <http://accesspharmacy.mhmedical.com/qa.aspx#tab5>
3. EHR Go (formerly Neehr Perfect)
 - EHR Go is an educational EHR used throughout the PharmD curriculum. Students will be expected to purchase a subscription to this program.
 - Create your account.
 - Go to the website: <http://neehrperfect.com>
 - Select **Subscribe** in the upper right corner.
 - Enter the Pharmacy Student Program Key:
 - 3PD students are encouraged to purchase the 1-year Student Subscription.

Materials & Supplies Fees

The fee associated with this course is \$11.01

Evaluation and Grading

Student Evaluation & Grading

The Canvas® gradebook will be set-up using the percentages below to compute the grade.

Assessment Item	Grade Percentage
Weekly Pre-Lab Quizzes, n=12	15%
Weekly Performance Assessments, n=12 @ 4.16% each	50%
Top 200 Drug Exam	15%
OSCE Examination	20%
Total	100%

Grading Scale					
Percentage	Letter Grade	Percentage	Letter Grade	Percentage	Letter Grade
92.50-100%	A	79.50-82.49%	B-	66.50-69.49%	D+
89.50-92.49%	A-	76.50-79.49%	C+	62.50-66.49%	D
86.50-89.49%	B+	72.50-76.49%	C	59.50-62.49%	D-
82.50-86.49%	B	69.50-72.49%	C-	< 59.50%	E

Rounding of Grades

Final grades in Canvas will be rounded to the 2nd decimal place. If the decimal is X.495 or higher, Canvas will round the grade to X.50. The above scale depicts this policy and grades are determined accordingly. Grade assignment is made using this policy and **NO EXCEPTIONS** will be made in situations where a student's grade is "close."

University of Florida Honor Pledge and Academic Dishonesty

UF students are bound by The Honor Pledge which states "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Expectations for Artificial Intelligence and when use constitutes academic dishonesty is outlined below.

Tendering information (giving your work to another to be copied, giving someone answers to assessment questions, informing another person in a later section about the questions that appear on an assessment that you have taken, or giving or selling a paper to another student), is considered academic dishonesty. If you have any questions or concerns, please consult the course's Teaching Partnership Leader/Course Director or Assistant Dean for Curricular Affairs.

See the [UF Conduct Code website](#) for more information. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Assignment Descriptions

Weekly Pre-Lab Quizzes: Weekly pre-lab quizzes will be administered online through Canvas. Quizzes will consist of knowledge related to that week's module and covered during pre-lab preparatory activities (e.g., videos and readings). Top 200 drugs may be included on some quizzes and further information will be provided. Quizzes will consist of multiple choice, true/false, or case-based questions. Weekly pre-lab quizzes will be completed at the start of each lab session. Performance on quizzes is an individual effort and collaboration is not permitted. Quizzes are administered in a proctored environment, and exam policies apply.

- If you are tardy for lab, you will only be allocated the remaining quiz time to complete your quiz and not the full time.
- If you have an excused absence from lab, you will be excused from taking the quiz (EX in the gradebook). No make-up quizzes will be offered.

Top 200 Exam: This will consist of 75 multiple choice questions taken from the drug cards (25 of the questions will come from 2PD (Fall and Spring) and Fall 3PD drugs). The exam will be administered via ExamSoft. Eligible content includes the brand name(s), generic name, category/indication, FDA indications, mechanism of action, medications contraindicated in pregnancy, box warnings, common adverse reaction (>10%), and key patient counseling points. Students must obtain an 80% or better on this exam in order to pass the Milestones course. Those who do not achieve this score will retake the exam. Please see that course syllabus for minimum performance requirements and how the results are used as milestone assessments. The score earned on the first attempt will be the score which will be used for determining the course grade. Students who fail to obtain a passing score after two attempts will meet with the course

coordinator to discuss potential options, which may include a 3rd attempt. Failing to pass this course may result in a student's progression through the curriculum being delayed. A student's performance in other aspects of the course will help determine how the situation is addressed. This is a self-taught portion of the course and students are responsible for preparing themselves for the exam. A list of the drugs that will appear on the examination will be released at the beginning of the course. Note that up to 20% of the exam may consist of drugs from 2PD exams (cumulative content). Attendance at the Top 200 Drug Exam is mandatory. In the event of a REAL EMERGENCY (illness, sudden death in the family), a make-up examination may be provided and is at the discretion of the teaching partnership leader. The Top 200 exam is administered in a proctored environment, and exam policies apply.

OSCE (Objective Structured Clinical Exam): OSCEs are tracked in the Milestones course. The Year 3 OSCE will consist of 12 stations and will cover key skills learned throughout the Professional Practice Skills Lab Sequence. Knowledge, skills, and attitudes gained from other courses during the first 3 years will also be evaluated. The Year 3 OSCE is a milestone assessment and must be successfully passed in order to advance to APPEs in the curriculum. An overall performance average across stations will contribute to the course grade. *This grade* is also tracked within the Milestones course. Please see that course syllabus for minimum performance requirements and how the results are used as milestone assessments. *Students who do not pass the OSCE* must meet with the course coordinator for remediation. The score earned on the first attempt will be the score which will be used for determining the course grade.

Weekly Performance Assessments: These may consist of presentations, SOAP notes, patient counseling, and/or post-lab quizzes. Post-lab quizzes are administered in a proctored environment, and exam policies apply.

Course-Related Policies

UF Resources and Policies

University of Florida resources and policies can be found at this URL: <https://go.ufl.edu/syllabuspolicies>

PharmD Course Policies

The Policies in the following link apply to this course. Review the General [Pharm.D. Course Policies](http://curriculum.pharmacy.ufl.edu/current-students/course-policies/) carefully, at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>

Attendance Policy

Attendance is mandatory for active learning sessions such as team-based learning sessions, case discussions, laboratory sessions, and other activities that the instructor designates as required. This course has 13 required sessions (skills lab sessions, OSCE). A student who misses greater than 3 session(s) for this course will receive an incomplete in the course and will retake the course during the next offering, resulting in delayed graduation.

Makeup Assignments

Makeup assignments may be required for excused absences from all Skills Lab Sessions. Skills lab faculty will contact students to schedule any required make-ups.

Late Assignments

Late Assignments will have the following deductions in addition to grading for accuracy and completeness:

- 0-24 hours late: 25% reduction of the score (max score possible: 75%)
- 24-48 hours late: 50% reduction of the score (max score possible: 50%)
- 48+ hours late: score of 0

Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. ExamSoft™ Testing Platform
2. Canvas™ Learning Management System
3. EHR Go

For technical support, navigate to [Educational Technology and IT Support Contact Information](http://curriculum.pharmacy.ufl.edu/current-students/technical-help/) at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/technical-help/>

Artificial Intelligence (AI) Use for Assessments

The use of generative AI in assessments is prohibited, unless explicitly allowed by the course instructor. Assessments include any submitted work, graded or ungraded, that will be evaluated. These include, but are not limited to, quizzes, exams, assignments, writing projects, etc. If a student is uncertain about the use of AI technology, it is the student's responsibility to ask the instructor prior to beginning the assignment or assessment.

When authorized by the course director/course instructors, students may use AI technologies in the completion of an assessment if they acknowledge all use by naming the technology, describing how it was employed, and adhering to any other requirement stipulated in the assessment's instructions. Failure to acknowledge the use of AI technology or disregarding instructions related to the use of AI for assessments is considered academic misconduct. Students must disclose the use of AI and AI-assisted technologies by following the instructions below.

Application of AI technology must be done with human oversight and control, and students should carefully review and edit the result, as AI can generate outputs that can be incorrect, incomplete, or biased. **Students assume full responsibility for all content, including errors and omissions, if AI is employed.** Additionally, privacy is a concern with AI-generated content. Most commercially available AI systems are not compliant with [HIPAA](#) or FERPA protections, inputting patient or student information is prohibited by federal law.

Instructions to acknowledge the use of AI:

Statement: During the preparation of this assignment I/we, [INSERT NAME/S], used [INSERT TOOL / SERVICE] in order to [INSERT REASON OR PURPOSE]. After using this tool/service, I/we reviewed and edited the content as needed and take full responsibility for the content of the submission.

Penalties for unauthorized use:

Unauthorized use of AI text generators for assessments is considered evidence of academic dishonesty (see [policy on academic dishonesty](#)).

Guidance on Using AI Tools for Learning

You are welcome to use AI tools to support your learning in this course, including for tasks such as brainstorming, outlining, or summarizing complex topics. However, please be aware that AI-generated content may contain false or misleading information. It is your responsibility to critically evaluate and fact-check any information you use. For all assessments, your responses should be based on the content provided in course materials and lectures.

To protect instructional content and comply with university policies, if you choose to create your own study aids using AI, instructor materials (e.g., PowerPoint slides, lecture transcripts, course handouts) may only be uploaded to university-supported, secure platforms such as the Navigator suite of AI tools (<https://it.ufl.edu/ai/>) or Microsoft Copilot (<https://copilot.microsoft.com/>) using your GatorLink credentials. When using Navigator AI, students should select a model approved for handling sensitive data. Individual instructors may choose not to permit the use of their instructional materials with AI tools. Any course materials that are restricted from AI use will be communicated to students through the course learning management system, Canvas.

Students are prohibited from uploading instructor materials to open or non-university-supported AI tools unless they have received written permission from the course instructor. Students are expected to use AI tools responsibly and must not upload any content that violates copyright laws or terms of use. If you are unsure whether an AI tool is appropriate to use, please consult the instructor.

Disability Resource Center

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See the [Get Started with the DRC webpage](#) on the Disability Resource Center site. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation Process

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online. Students can complete evaluations in three ways:

1. The email they receive from GatorEvals,
2. Their Canvas course menu under GatorEvals, or
3. The central portal at <https://my-ufl.bluera.com>

Guidance on how to provide constructive feedback is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>

Appendix A: Course Outline

**** Disclaimer:** *The sequence and timing of modules, activities, and course content are subject to change based on scheduling needs or unforeseen circumstances. Any adjustments will be communicated to students as early as possible.*

Date	Mod#	Unit Topic	Contact Hours	Faculty Author
Week of 1/5/2026		OSCEs	4.0hr	
	1	Module 1: Complex Patient Cases: Ambulatory		Phillips/Dietrich
1/15/26		Skills Lab Session 1		Phillips/Dietrich
	2	Module 2: Amb Care Clinic	1.0hr	Powell
1/22/26		Skills Lab Session 2	2.0hr	Powell
	3	Module 3: Educational Presentations	1.0hr	Taylor
1/29/26		Skills Lab Session 3	2.0hr	Taylor
	4	Module 4: Epilepsy	1.0hr	Shoulders
2/5/26		Skills Lab Session 4	2.0hr	Shoulders
	5	Module 5: Inpatient Rounding	1.0hr	Venugopalan
2/12/26		Skills Lab Session 5	2.0hr	Venugopalan
	6	Module 6: Kinetics	1.0hr	Maranchick
2/19/2026 ALL students 10:00-11:50		Skills Lab Session 6	2.0hr	Maranchick
	7	Module 7: Depression	1.0hr	Markowitz
2/26/26		Skills Lab Session 7	2.0hr	Markowitz
3/5/26		APPE Readiness Week, no lab		
	8	Module 8: Pharmacogenomics		Cicali/Cook
3/12/26		Skills Lab Session 8		Cicali/Cook
3/16/26-3/20/26		Spring Break		

Date	Mod#	Unit Topic	Contact Hours	Faculty Author
	9	Module 9: Pediatrics	1.0hr	Manasco
3/26/26		Skills Lab Session 9	2.0hr	Manasco
	10	Module 10: Geriatrics	1.0hr	Vogel Anderson/Taylor
4/2/26		Skills Lab Session 10	2.0hr	Vogel Anderson/Taylor
	11	Module 11: Enteral Nutrition		Schulz/Bakare
4/9/26		Skills Lab Session 11	2.0 hr	Schulz/Bakare
	12	Module 12: TPN		Shoulders
4/13/2026		Top 200 Exam		
4/16/26		Skills Lab Session 12	2.0hr	Shoulders