



UF

College of Pharmacy
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The Technology Behind Flipping a Classroom

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Flipped Classroom

The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. Short video lectures are viewed by students at home before the class session, while in-class time is devoted to exercises, projects, or discussions.

--Educause: <https://net.educause.edu/ir/library/pdf/eli7081.pdf>




BYOD (Bring Your Own Device)




This icon denotes when a student is required to bring and/or use their own device (laptop or tablet) for course activities.

LMS (Learning Management System)

Our LMS, Canvas, is used to provide controlled and sequenced delivery of course materials such as:

-  Lecture videos, demonstrational videos, interview videos, open-source videos such as YouTube.
-  Readings in PDF format, E-Book format, or merged/adapted and annotated documents for a more guided reading experience.
-  Case materials: Posted to the LMS to be accessed during Active Learning events by students through the use of an instructor provided *Access Code*.





PHA 1234

Pharmacy & Population Health

Start Here


1. Watch this [Course Navigation Video](#) (04 minutes: 09 seconds)
2. Review the [Course Syllabus](#) and familiarize yourself with the [Course Schedule](#)
3. [Welcome from the Teaching Partners](#)
4. Click on **Module 01** below, to begin.

Quick Access: Resources and Information


[Team Project Details](#)

[Active Learning Requirements](#)

Course Modules



Module 01
Introduction to Population Health



Module 02
Special Populations: Cultural Awareness, Competency, and Diversity

Canvas is also used for:



Delivery of low-stakes, formative assessments:

- In-class graded quizzes utilize a web browser lock-down feature, to prevent students from navigating out of the quiz until submission, and to prevent screen capture functions.
- In-class quizzes via the LMS provide instant performance analytics and item analysis to direct discussion based on where the class is struggling.



Delivery of online self-assessments:

- Ungraded quizzes that students may take as practice from home and receive immediate feedback in the form of score and rationales.



ExamSoft (Testing Platform)



For electronic delivery of high-stake exams at proctored testing sites:

- Exam items are tagged with curricular outcomes, content topics, question types, and question authors for analytical evaluation of the instruction.
- Rich reports are generated to provide analysis of the exam items, and student performance; both for instructor and student consumption.

Strengths and Improvement Opportunities

Human Biology 211 Fall Final

Course: Human Biology | Instructor: Dr. Cliff Waters | Questions: 100

74%

My Score
(74/100)

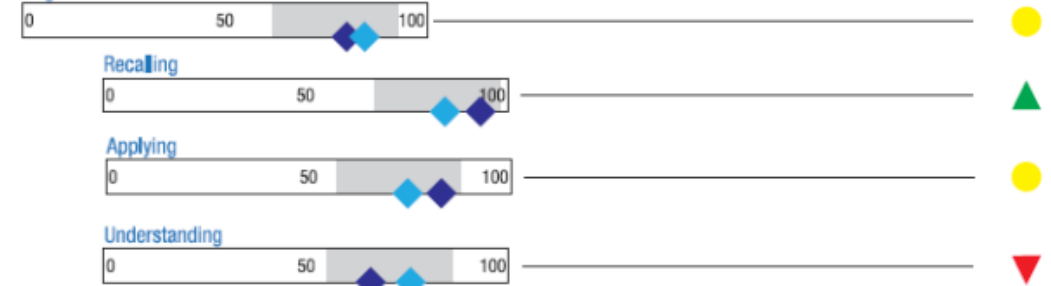
87%

Average Score
(87/100)

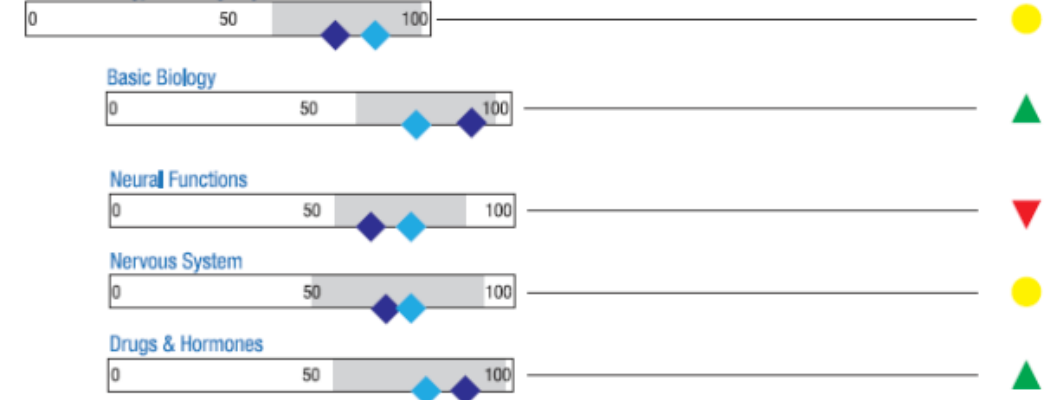
Overall, you scored below the class average. Please take notes of the areas, noted in yellow or red, where you have the most opportunity for improvement. If you'd like to discuss any of this, please come visit during office hours.

◆ MY SCORE ◆ AVERAGE/MEAN ■ SCORE RANGE ▲ DOING WELL ● NEEDS REVIEW ▼ NEEDS IMPROVEMENT

Cognitive Domain



Human Biology Learning Objectives



Interactive Video Conferencing (IVC)

To connect distance campus classrooms in synchronous active learning events via IVC components such as:

1. Monitors and projection screens on most walls to display video footage of other campuses and presenter shared content.
2. Rotating and zoom-able video cameras hung around the room; controlled by an IVC technician.
3. Round tables to seat small teams of 6-7 students.
4. A microphone on each table with press-to-talk features for inter-team discussions.

