

# From Top to Bottom

*Ensuring alignment  
across all course levels*

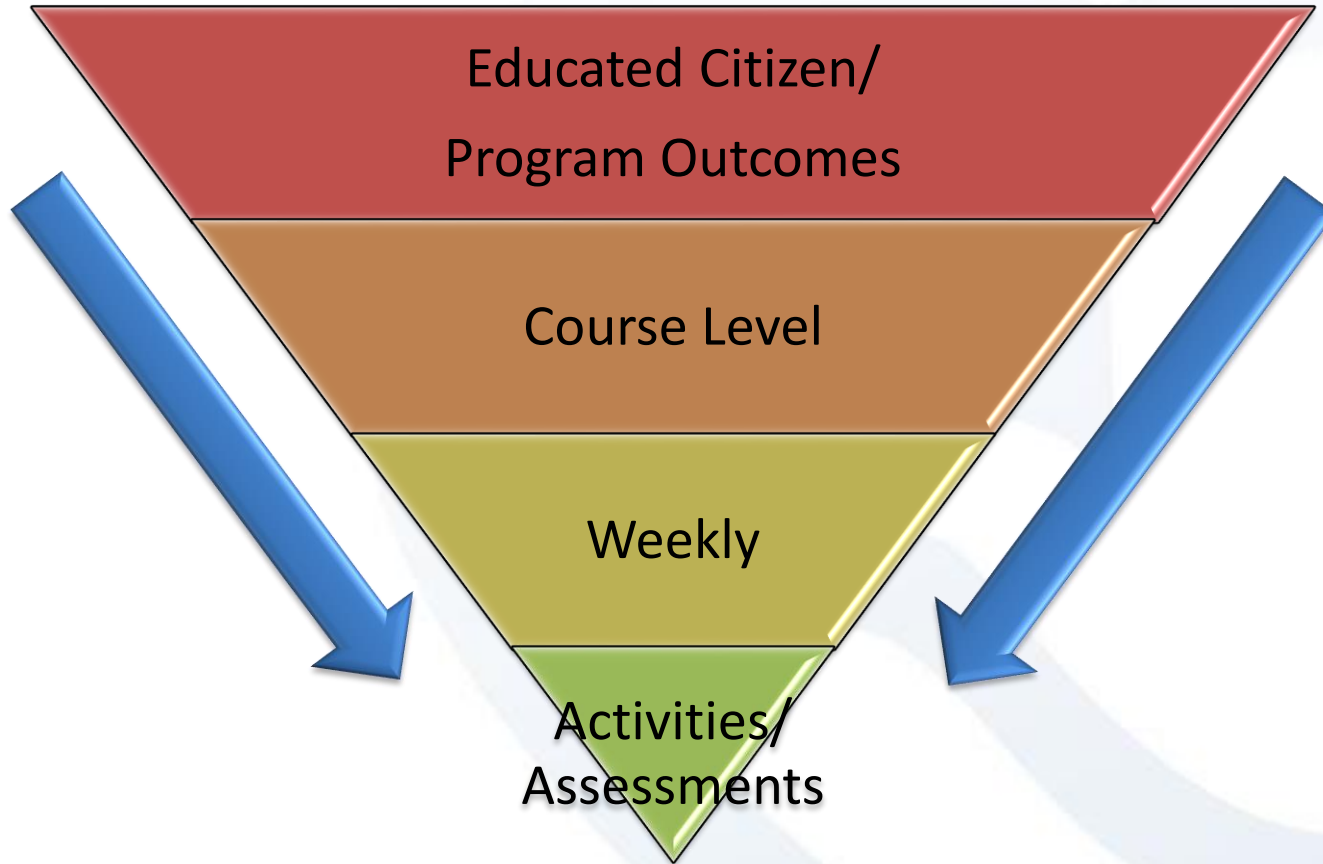
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NMC – Spring 2018

# Session Learning Outcomes

As a result of this session, you should be able to demonstrate your ability to...

- Integrate Educated Citizen Outcomes into Course Outcomes
- Integrate Course Outcomes into Weekly Outcomes
- Integrate Weekly Outcomes into Specific Activities & Assessments

# Session Learning Outcomes



# The Importance of Alignment

## CREATE's Evidence-Based Areas of Educational Excellence

Objectives	Assessments	Activities, Organization, & Resources	Teaching/ Learning Theories	Learner- Background	Prof. Dev., Leadership,& Scholarship
<ol style="list-style-type: none"> <li>Objectives are SMART (Specific, Measurable, Achievable, Relevant, &amp; Timely)</li> </ol>	<ol style="list-style-type: none"> <li>Draws on multiple &amp; varied assessments</li> <li>Uses effective feedback</li> <li>Follows evidence-based assessment practices</li> <li>Integrates self- and peer-assessments</li> </ol>	<ol style="list-style-type: none"> <li>Supports learner-learner interactions</li> <li>Fosters higher-order thinking</li> <li>Integrates relevant &amp; interactive technologies</li> <li>Addresses real-world problems</li> <li>Scaffolds learner progress</li> <li>Nurtures safe, inclusive, and caring environments</li> </ol>	<ol style="list-style-type: none"> <li>Employs holistic learning theories</li> <li>Utilizes active teaching/learning strategies</li> <li>Follows course development methods</li> </ol>	<ol style="list-style-type: none"> <li>Adapted to learner knowledge, skills, &amp; interests</li> <li>Follows culturally responsive teaching and learning methods</li> <li>Engages with marginalized &amp; under-resourced communities</li> </ol>	<ol style="list-style-type: none"> <li>Engages in ongoing professional development</li> <li>Active in leadership roles</li> <li>Conducts evidence-based &amp; scholarly projects</li> </ol>

**Course Alignment has THE HIGHEST IMPACT on student achievement of ALL of the Guidelines!**

There are 20 Guidelines in all

# Educated Citizen & Course Outcomes

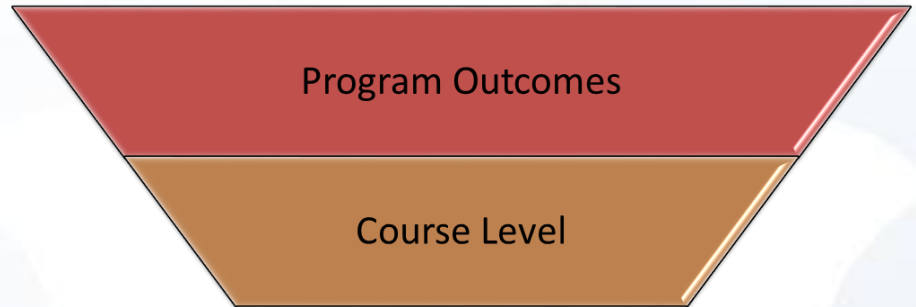
- Objective: *To integrate one or more of the Educated Citizen (& other Program) Outcomes directly into the Course Outcomes*
- Possibilities:
  - Ed. Citizen Outcomes are **SEPARATE** from other Course Outcomes
  - Ed. Citizen Outcomes are considered an **IMPLICIT/ IMPLIED** part of the Course Outcomes and are NOT stated explicitly (Ex: Capstone Project & Crit. Thnking.)
  - Ed. Citizen Outcomes are **EXPLICITLY INTEGRATED** into the Course Outcomes

# Educated Citizen & Course Outcomes



- Large Group Discussion:
  - Which of these Possibilities (Separate, Implicit/Implied, or Explicit/Integrated) do you think is most appropriate for your classes? Why?

# Educated Citizen & Course Outcomes



- Challenges:
  - Balancing Course Outcomes that address course content/skills with Ed. Citizen competencies
  - Developing too many Course Outcomes (3-7 is more ideal, with no more than 10 course level outcomes)
  - Other challenges?



# Quick Aside: Create SMART Outcomes

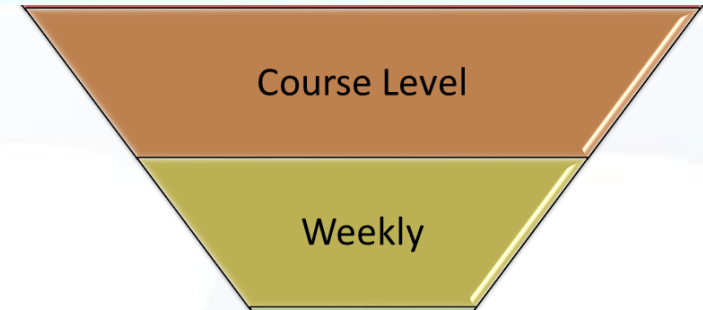
- Characteristics of quality outcomes

The skill that the learner demonstrates.	Conditions under which the learner demonstrates the skill.	Criteria for measuring success.
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- **SMART** Outcomes: Specific, Measurable, Achievable, Relevant, & Timely

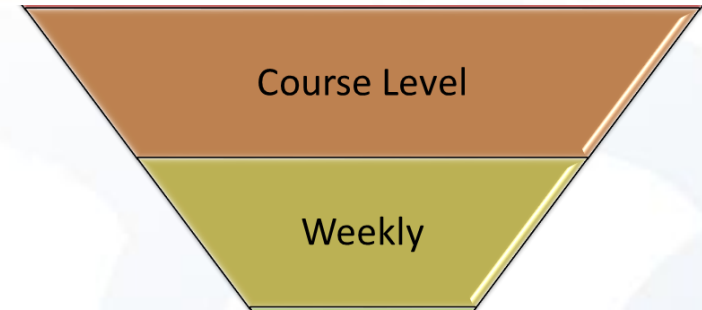


# From the Course to Weeks/Modules



- Ways to Make this Move:
  1. Course Outcomes become the Weekly Outcomes
    - *Course Outcome #1 → Week #1, Week #4, Week #9...*
    - *Course Outcome #2 → Week #2, Week #4, Week #10...*
  2. Weekly Outcomes identify which course outcomes they directly align with
    - *Week 1, Outcome #2: By this end of this week, students will be able to demonstrate their ability to apply critical thinking skills to a pathophysiology case study. (**Directly aligns with Course Outcomes #2, 4**)*

# From the Course to Weeks/Modules

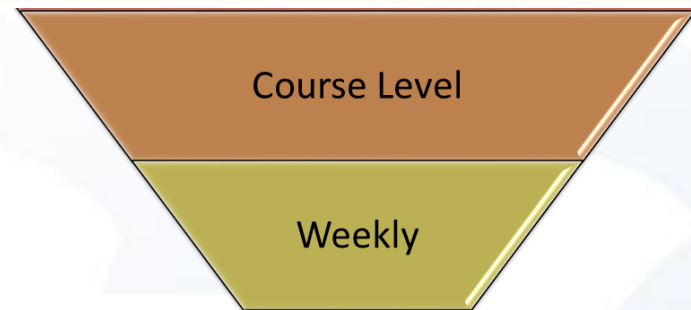


- In partners...
  - Think about one of the weeks in one of your classes
  - Identify one of this week's learning outcomes
  - State which course outcome this learning outcome is directly aligned with
  - Could it be more closely aligned?

# From the Course to Weeks/Modules

- Creating *Alignment Tables* to Help

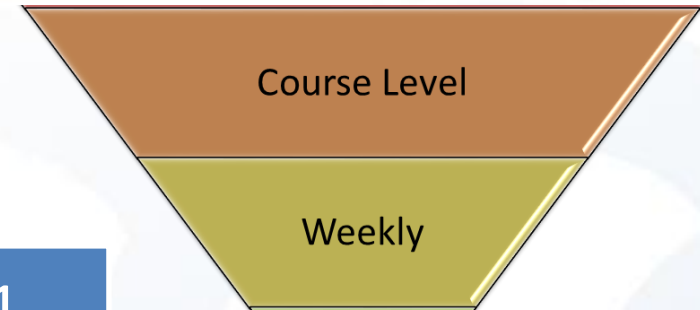
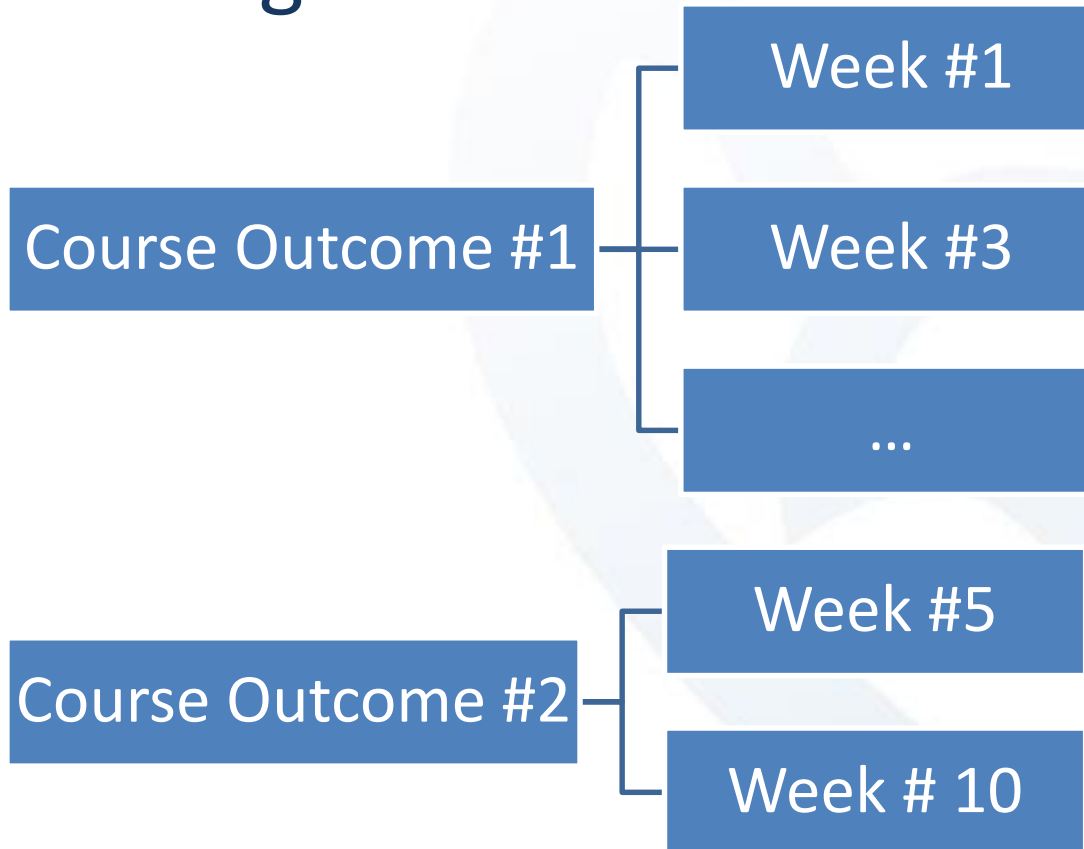
Alignment Table of Course and Weekly Objectives



<i>Course Objective</i>	<i>Weekly Objectives</i>
1) Routinely engage in habits of inquiry such as logic and critical thinking	-Week 1, Session 1 -Week 2, Session 1 -Week 4, Session 1 -Week 6, Session 1
2) Engage one or more social science disciplines to influence ways of thinking and acting	-Week 2, Session 2
3) Analyze perspectives of holism	-Week 1, Session 1 -Week 2, Session 1 -Week 7, Session 1 -Week 8, Session 1 -Week 9, Session 1
4) Use critical thinking to generate, connect, and organize ideas in an oral and nonverbal manner that responds effectively to rhetorical situations	-Week 1, Session 1 -Week 2, Session 2 -Week 3, Session 2

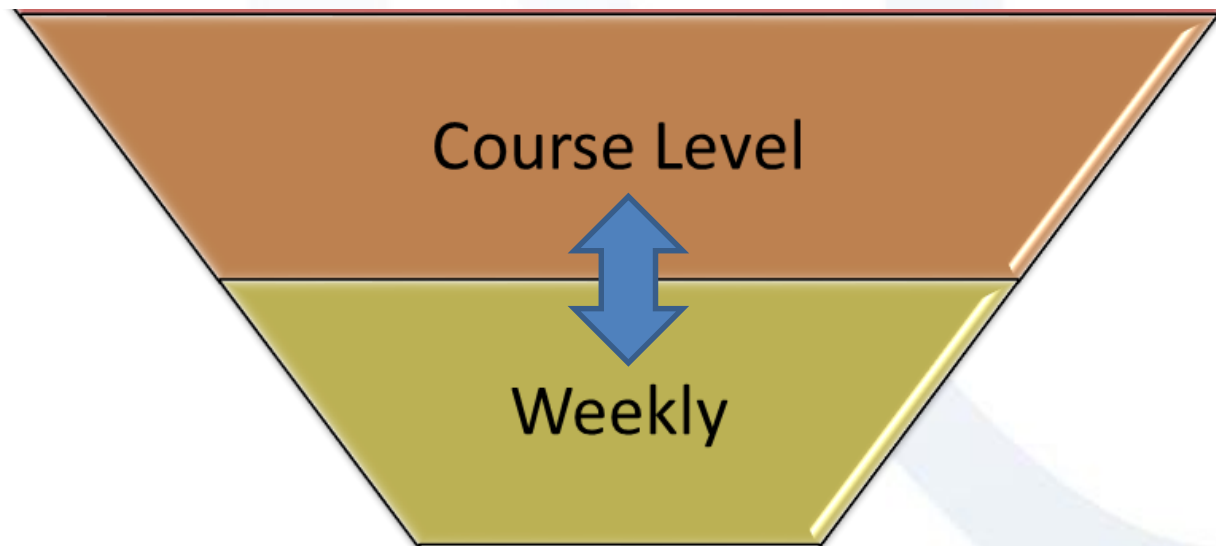
# From the Course to Weeks/Modules

- Another way to visualize this alignment



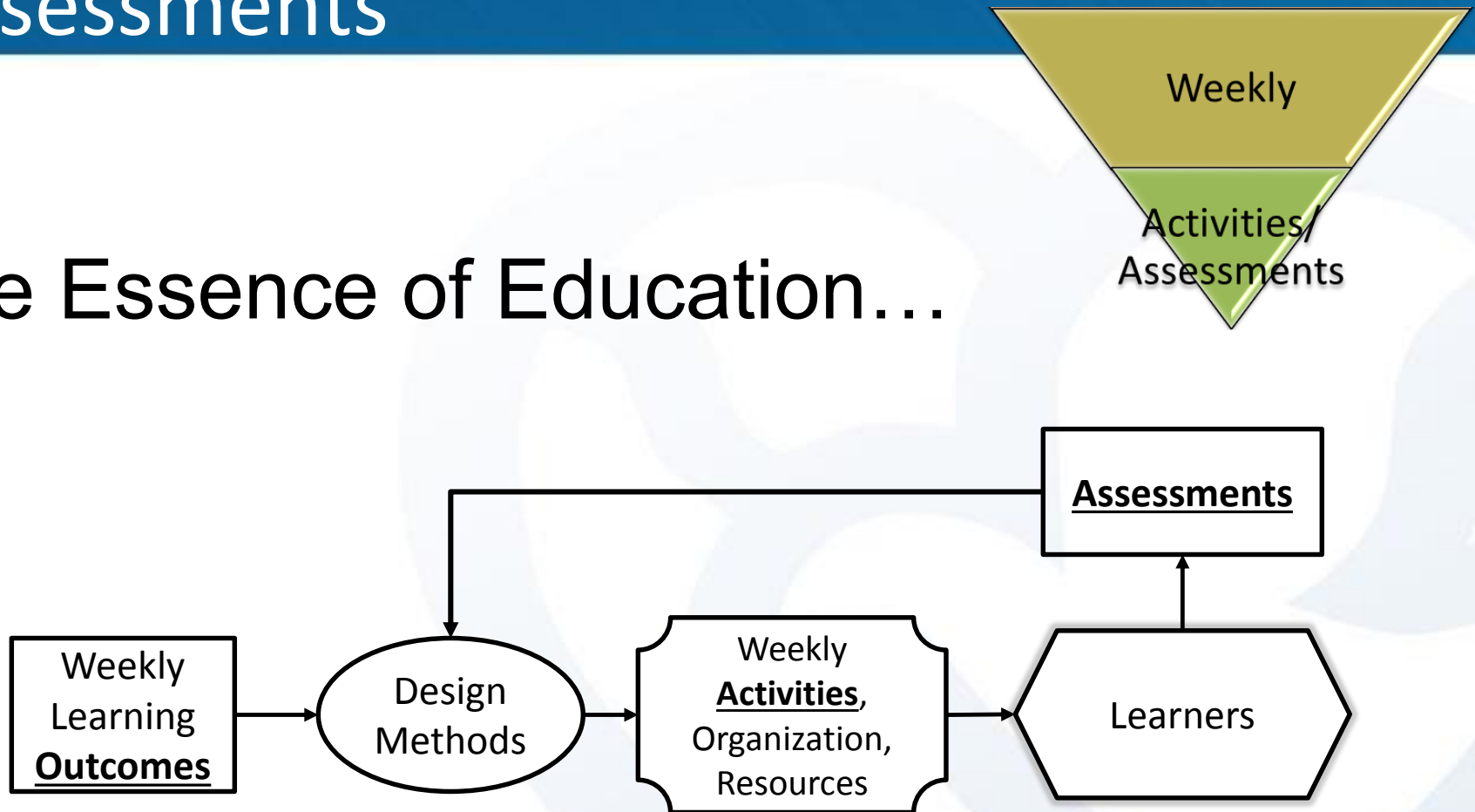
# From the Course to Weeks/Modules

- The overall goal is direct alignment between these two levels...



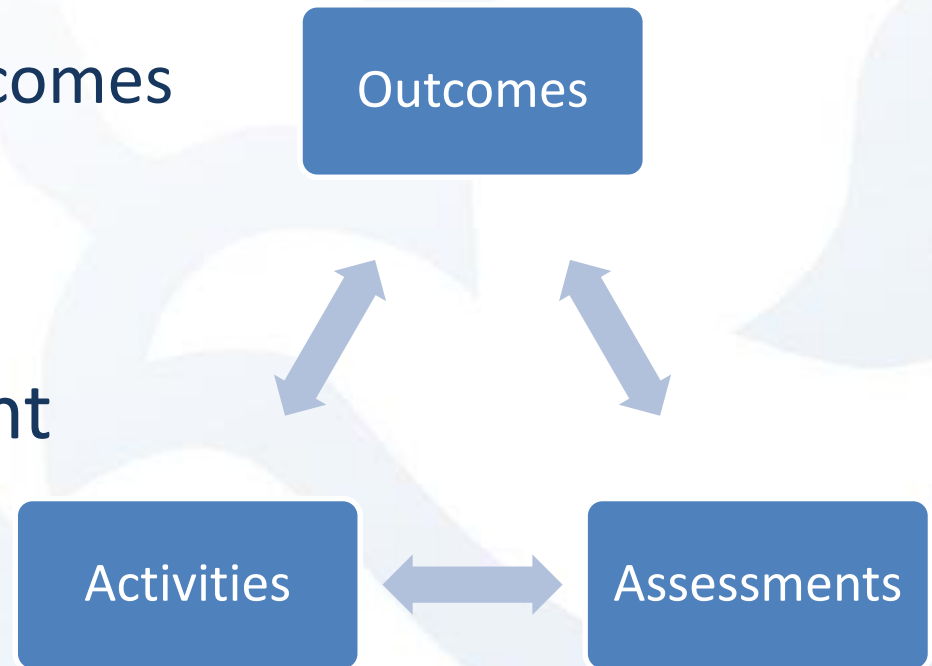
# Closing the Loop: Weekly Activities & Assessments

## The Essence of Education...



# Closing the Loop: Weekly Activities & Assessments

- Using the Backward Design Process...
- 3 Steps to this Process:
  - Create Learning Outcomes
  - Select Assessments
  - Develop Activities
- Think Ultra-Alignment



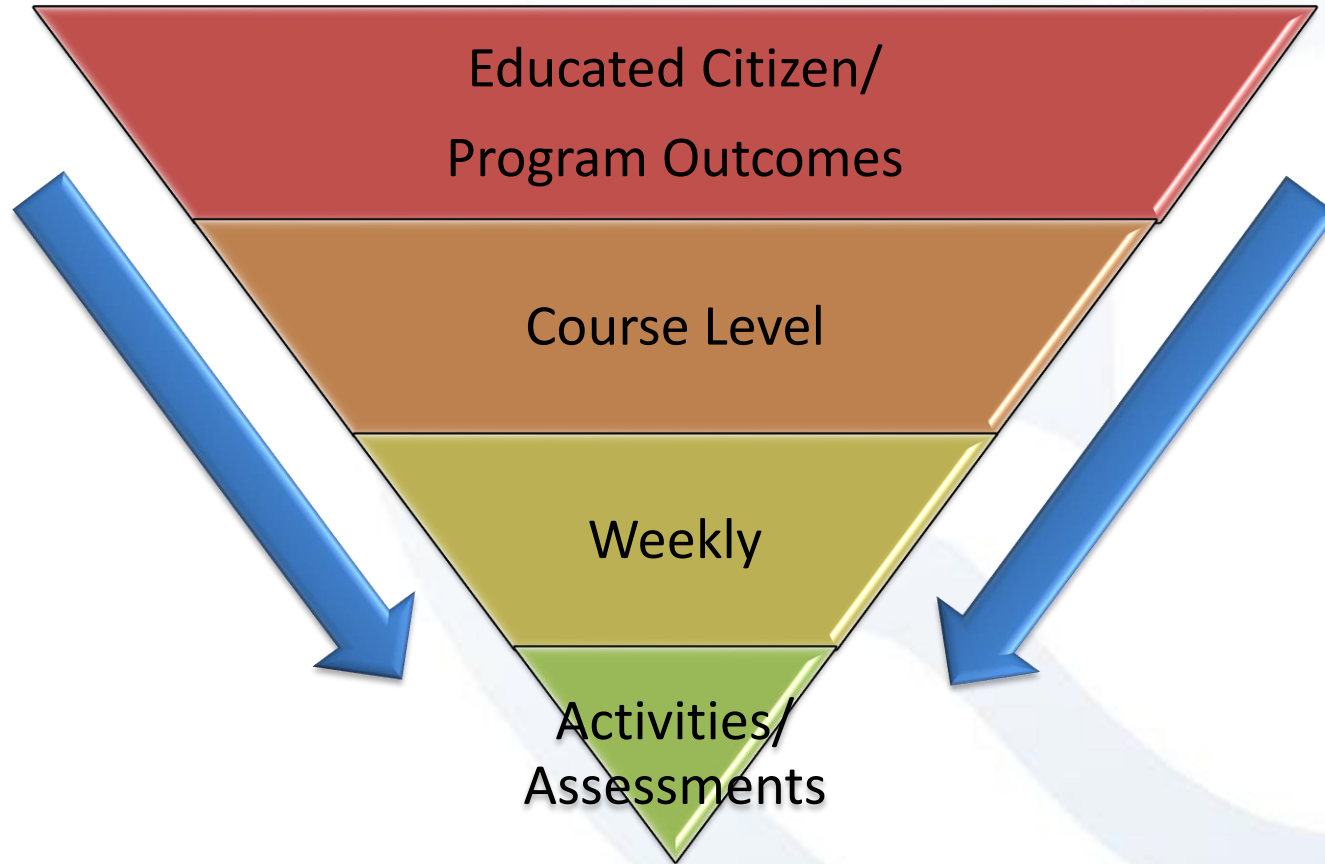


# Closing the Loop: Weekly Activities & Assessments

- Back into Partners!
- Create a Weekly Alignment Table:

Weekly Outcome	Assessment	Activities	Resources
<i>By this end of this week, students will be able to demonstrate their ability to apply critical thinking skills to a pathophysiology case study. (Directly aligns with Course Outcomes #2, 4)</i>	-Completion of a case study assessment -Quiz #4 - Questions #2, 5, 10	-Read Ch. 13 -Take Quiz #4 -Complete a small group unfolding case study	-Textbook -Quiz #4 -Unfolding case study

# Retracing our Steps...



# Ready to Go Pro?

