What is the most important skills that you learn in College

• Critical Thinking & Problem solving
• Interpersonal Team work
Team Base Learning

- **is** a small learning group method where individual work is done outside the class and team work is completed in class.
- Teams mimic the professional environment and develop essential skills.
- develops the skills and values necessary to practice science, while also allowing you to apply class materials and get immediate feedback on your analysis.
Two major Components in Team-based learning

• individual out-of-class preparation
• in-class teamwork focusing on applying the materials prepared out-of-class on exercises.
Team Based Learning*

Small groups of students interact as in-class teams to apply content to simple and complex problems with the feedback of the instructor as the content expert.

**Pre-class**
- Individual learns assigned teacher-specified content

**In-class**
- Student teams apply teacher-specified content to problem-solving discussions

**During class**
- Students receive frequent and immediate feedback

---

*Team Based Learning was developed in the 1970’s by Dr. Larry K. Michaelsen, a Professor of Management at the University of Oklahoma, who wanted to change the passive learning in his lectures into active learning by testing and assigning students to teams.
Simple Peer Evaluation
2-3 Times per Semester

“Something I appreciate about this person is....”
“Something I would like to request of this person is....”

Student Completes Evaluation

Instructor receives by Email and Collates

Student Receives Anonimized Feedback

Instructor Only Review for Grade Adjustment Requests
What is the role of the faculty in Team-Based Learning?

• As the content experts, Faculty plays an active role
  ❖ providing feedback to the students
  ❖ introducing new material and
  ❖ challenging the students with new questions.
Team-Based Learning

Course Objectives

By the end of the course, the student will be able to:

• Master the course subject matter
• Utilize the course concepts in thinking and problem-solving
• Develop interpersonal and group interaction skills
• Prepare for life-long learning

What is TBL?

Meets LCME guidelines

Similar to lecturing

Purpose of Team-based learning

*From Baylor College of Medicine, Team Learning in Medical Education, February 04 Workshops
What if I have a problem with my team?

• Try to work it out—make sure your respect each other
• Address the issue with your team as you would in a professional office.
• To promote conflict resolution, you will establish team contribution guidelines first, and then check in with the team every few weeks to see if all of you are following the guidelines.
• If the problem is not resolved using the team contribution guidelines, talk to me, and I can suggest ways for you and your teammates to work through the problem. In the rare case of alleged student misconduct, I will likely intervene.
Rationale for Using TBL

why the class is using TBL, here are some answers:

- To encourage team performance behavior and skills because the highest quality of medical care is from effective medical teams
- To apply complex concepts because the instructor spends less time on basics and more on applications
- To learn from team tasks that are too difficult for individuals
What do TBL™ Students say?

• [https://www.youtube.com/watch?v=ajweUpeokYs](https://www.youtube.com/watch?v=ajweUpeokYs)
• [https://www.youtube.com/watch?v=fgfDNBpz2X8&feature=youtu.be](https://www.youtube.com/watch?v=fgfDNBpz2X8&feature=youtu.be)
Teamwork

- The Power of Team Work
- good team work and bad team work