Flipped Learning
Center for Teaching and Learning
What is Flipped Learning?

A flipped class is one that inverts the typical cycle of content acquisition and application so that:

• students gain necessary knowledge before class, and
• instructors guide students to actively and interactively clarify and apply that knowledge during class.

This approach supports instructors playing the important role of guiding students to deeper thinking and higher levels of application.
The Pillars of Flipped Learning

Flexible Environment
Create flexible spaces where students are driving their learning process with faculty as the guide.

Learning Culture
In-class time is dedicated to exploring topics in greater depth and creating rich learning opportunities.

Intentional Content
Flipped learning educators determine what they need to teach and what materials students should handle on their own. Intentional content is used to maximize classroom time in order to adopt methods of student-centered, active learning strategies.

Professional Educator
During class time, professional educators observe students, providing them with timely feedback. Professional educators also seek support from colleagues and other professional resources to support their practice in the classroom.
Students learn more deeply
As a result of students taking responsibility, interacting meaningfully and often with their instructor and peers, and getting and giving frequent feedback, they acquire a deeper understanding of the course content and its applications.

Students are active participants in learning
The student role shifts from a passive to an active recipient of knowledge. This gives them opportunities to practice using the intellectual tools of the discipline.

Student interaction and learning increases
Students work together applying course concepts with guidance from the instructor. This increased interaction helps to create a learning community that encourages students to build knowledge together inside and outside the classroom.

Instructors and students get immediate and focused feedback
With more opportunities for students to apply their knowledge and therefore demonstrate their ability to use it, gaps in their understanding become visible and actionable to both themselves and the instructor.
# Steps to Flipped Learning

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| **Step 1:** Identify where the flipped classroom model makes the most sense for your course | - In which class sessions do you currently have an in-class activity that you rarely have time to complete during class and requires the students to apply their knowledge and skills?  
- What concepts or topics do students struggle the most to understand, based on exam scores and/or assignment grades?  
- On what topics would students benefit from the opportunity to apply concepts under your expert guidance in the classroom? |
| **Step 2:** Plan engaging application activities for students | Consider how class time could be repurposed in ways that provide students with an appropriate level of challenge while leveraging your expertise as a coach or guide to provide appropriate dynamic feedback. Find an approach that works best for your students and your course content. |
| **Step 3:** Plan to clarify connections between inside and outside of class learning | Consider the following to help plan and clarify connections.  
- What content do students need to know before class to successfully engage in the learning activity during class?  
- What part of the current "homework assignment" could be moved inside the class to help students practice applying the content?  
- What practice do students need inside class to prepare them for the larger assignment that will be completed after class?  
- Help students make the connection between what is happening inside of class and the assignment they are working on after class. |
| **Step 4:** Adapt your materials for students to acquire course content in preparation of class | Once you have a clear idea of how students will be asked to apply their knowledge and skills during class, adapt your material for students to read or view in advance and update your schedule. While online video content is associated with the Flipped classroom model, one can flip a class by repurposing traditional materials too.  
- Hold students accountable for completing the pre-class assignment, and provide students a way to ask questions about the content they are learning outside of class. |
| **Step 5:** Extend learning beyond class through individual and collaborative practice | Students gain experience applying course content during class time, but they may also need additional practice after class. Extending what happens inside the class to outside the class is a crucial step for students to gain mastery and meet the learning outcome. |
References

- https://flippedlearning.org/definition-of-flipped-learning/


- https://facultyinnovate.utexas.edu/how-to-flip