

## This class will be conducted in a “flipped classroom” model with synchronous class time for learning activities.

What does that mean?

[www.wikipedia.org](http://www.wikipedia.org) says “Flipped classroom is an instructional strategy and a type of blended learning that reverses the traditional learning environment by delivering instructional content, often online, outside of the classroom. It moves activities, including those that may have traditionally been considered homework, into the classroom. In a flipped classroom, students watch online lectures, collaborate in online discussions, or carry out research at home and engage in concepts in the classroom with the guidance of a mentor.

The flipped classroom intentionally shifts instruction to a learner-centered model in which class time explores topics in greater depth and creates meaningful learning opportunities, while educational technologies such as online videos are used to deliver content outside of the classroom.”

Why?

- In this pandemic affect learning environment, the flipped classroom gives all students equal access to the lecture videos.
- Students listening to the lecture before class can pause if they get distracted, can repeat if something was unclear.
- Students have the option of listening to the lecture more than once.
- Students who are ill don’t have to miss the lecture.
- If the instructor is ill or we can’t have class time (virtual or in classroom) for some reason, we will have an easier time “catching up” to the course calendar than we would with lectures during class time.
- Listening to the lecture before class puts the listening time out of class meeting time and gives more time during class time to do some of “the hard part” – the student learning.
- More learning time during class time also gives students more opportunity to get their questions answered during class time and can take some of the “stress” out of “homework” time.
- More learning time during class time gives the instructor the opportunity to work with students on a more individual basis or in small groups.
- Mrs. Simms taught 1040 and 1070 in 2018–2019 and 2019–2020 with flipped classrooms and had good student success rates.

Note: Some students have a concern that they will have to put more time into the course because it is a flipped classroom, but this is not true. If you consider the spectrum of learning for the course, we are simply moving what you do when. The work required from the students has not changed.

traditional class with part of class time lecture, part group learning activity time:

listen to lecture	learning activity time	possible class discussion time	complete learning activity for grade	paper HW	MyLab Math HW	follow up learning for the section after grading
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flipped class

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both approaches have the same stages of learning.

For each hour “in class”, students should expect to spend at least two hours “out of class”.  
i.e. expect to put at least 12 hours per week into this class.