
Teaching Item 3: Video Lesson

This Teaching Item is one of three possible teaching items to complete this semester. Successful completion of all three Teaching Items with a **Mastery** rating is required to earn a A in the course.

In this Teaching Item you will create a video that introduces the CORE learning outcome and teaches students how to demonstrate proficiency at solving problems of that CORE type. You must choose a different CORE problem type than you used on the other Teaching Items. To obtain a grade of **Mastery** your work should include

- an explanation of the type of problem that is being tested and why it is important,
- a demonstration problem that is different than any problem from the textbook or from class,
- appropriate visuals that work that demonstrate the writing standards of our course, and
- any study tips or hints that will help a student to succeed in this problem on an exam.

Your video can be of any flavor you choose. You may decide to do a screencast like those we watch as part of our Guided Practice. You might record a tutoring session between students. You might decide to make a **common craft style video**. There are no restrictions, though you might want to run any radical ideas by me before getting too far along.

The video does not need to be Hollywood quality, but the audio and video need to be clear and non-distracting. The Piazza discussion board would be a good place to talk about useful software for video creation and/or editing.

The goals of your activity are to help other students master the CORE learning outcome and to demonstrate that you have full command of the CORE problem yourself. The learning activity should be aimed at the standard audience for Math 435, your classmates. Be sure to follow the guidelines for earning mastery at our **course home page**.

Submission instructions: The video should be posted online to youtube or another video sharing site. Submit a url to your video through the assignment link in Canvas.