

Week 2

Graded Materials:

- **Wednesday (11:59pm)**
 - Module 02 Exercises.
- **Friday (11:59pm)**
 - Homework WEEK 02.
- **Wednesday Class Time: In-class Quiz**
 - Class is the time listed on the syllabus, and the quiz will take place once we have discussed math.
 - Please have a camera ready which can be turned on during the quiz.
 - Please have some sort of photo or pdf making device handy (you will need to scan or take a photo of your quiz).
 - The quiz is **not** open notes.
 - Quiz material: You will be expected to
 - Determine whether given differential equations are ODEs or PDEs and linear or non-linear.
 - Determine whether given function is a solution to a differential equation.
 - Verify a given function is a solution to a differential equation.
 - State whether given solutions are 1 or 2-parameter families of solutions, general solutions, trivial solutions, or particular solutions.
 - Determine the domain of a solution (interval of validity)
 - Please see the "Expectation Checklist" for Module 2.

Material to Master:

- Module 2.