## Week 4

## **Graded Materials:**

- Thursday (11:59pm)
  - Module 05 Exercises.
- Saturday (11:59pm)
  - Homework WEEK 04.
- Wednesday Class Time: In-class Quiz
  - o Quiz material: You will be expected to
    - Given a 1st-order IVP, determine whether we are guaranteed the existence and uniqueness of a solution for a point.
    - Given a 1st-order IVP, determine the points (x, y) where we are guaranteed the existence and uniqueness of a solution.
    - Determine whether given differential equations are separable or not.
  - Please see the "Expectation Checklist" for Modules 5.

## **Material to Master:**

• Module 5.