# HOMEWORK 1 - FALL 2020

## HOMEWORK 1 - GRADING KEY

**1. (17 points) Documentation and coding style:**

- <span style="color:red">Name, ID number and recitation at the top of ALL java files [2 points]</span>
- Precise and correct specifications[5 points]
- Indentation[3 points]
- Variable names[2 points]
- Javadoc Style *(see NOTE). [5 points]

NOTE 1: You only need to submit your *.java files. We will use the javadoc *.java command to create the javadoc files.

**NOTE 2: YOUR ASSIGNMENT WILL NOT BE GRADED if you submit only *.class files.**

**NOTE 3: YOUR ASSIGNMENT WILL NOT BE GRADED if you use ArrayList, Vector or any predefined Java API Data Structures.**

**2. (13 points) Source code:**

- Implementation done as specified (additional methods are OK)[8 points]
- Throw an exception back to the calling method(s) if a precondition is violated.[5 points]

**3. (70 Points) Program Correctness**

- Program compiles without any errors. [12 points]
- Menu options work correctly:
  - Add course to planner. [10 points]
  - Get course information. [4 points]
  - Remove course from planner. [10 points]
  - Print all courses in planner. [8 points]
  - Filter courses by department code. [7 points]
  - Look for course. [4 points]
  - Size of planner. [3 points]
  - Create backup planner. [4 points]
  - Revert to backup. [2 points]
  - Quit. [1 points]
- Erroneous input handled "gracefully." (Appropriate Error messages displayed to the user.) [5 points]