# C++ MATH TUTOR FINAL GRADE SHEET
## DELIVERABLE #3   Due 11/13/14
## Include a printed copy of this sheet with submission.

**PROGRAMMER LAST NAME**_____

| Total possible points for each item appear in **bold**. | SCORE |
|---|---|
| **1. Hardcopy Source Code for OOP Program -** The code must be well-structured/designed and formatted, with comments sufficient to show the intent of all code for someone attempting to maintain it.  Must be easily readable, with all classes easy to find.  Must be complete. | **20** |
| **2. Hardcopy Source Code contains -** 1) At least 3 classes; 2) The User Interface is encapsulated so all interaction goes through it; 3) The program will accommodate up to 100 student records. | **15** |
| **3. Hardcopy Run Output 1 -** A run of the program for Student #1 showing the selection of Random Math Operations for the easy 1 digit problems.  Should show the 10 problems and answers, with some correct and some incorrect answers. | **15** |
| **4. Hardcopy Run Output 2 -** A run of the program for Student #2 showing the selection of Random Math Operations for the most difficult problem option.  Should show the 10 problems and answers, with some correct and some incorrect answers. | **15** |
| **5. Hardcopy Run Output 3 -** A run of the program showing the student result data for at least Student #1 and #2, from the previous runs above. | **10** |
| **6. Test Code Source and Output Sample for at least 2 Unit Tests -** Provides source for a main program(s) that tests at least two of the functions from two different classes.  Includes sample output for the unit tests, demonstrating correct function. | **15** |
| **7. Thumb Drive Containing ONLY Windows EXE File-** Program runs without problems.  User interface is clear, easy to use for elementary level student. | **25** |
| **8. EXE Runs according to original requirements** | **20** |
| **9. Presentation-** This submission has no hand-written parts (except labels); submitted in a folder; has well-organized, readable pages, within which it is **easy to find each of the elements** listed on this sheet; includes a printout of this sheet for the grader.  Design and Test Plan are NOT to be resubmitted. | **15** |
| **TOTAL OUT OF 150**<br>Comments: | |