**CS 2060 Programming Assignments Policy**

**Assignments**

* Two versions of each assignment are required
  + **Electronic** 
    - Must be placed on Blackboard by 9:25am on due date
    - Only last version submitted will be graded
  + **Paper printout**
    - Must be handed in at the beginning of class on due date
* **BOTH versions** must be turned in on time, otherwise the assignment receives a zero.

**Late Assignments**

* **NO ASSIGNMENTS WILL BE ACCEPTED LATE!**
* Please hand in whatever you have completed by 9:25am on the due date

**Grading**

* Your grade on each programming assignment will be based on the following criteria:

Documentation/Design 15% Specifications 5%

Quality 30% Correctness 50%

**Documentation (15%)**

The grade for documentation will be based on these two criteria:

**Initial comment**

* At the top of each assignment you must include the following information:
  + Your name
  + Class number and section
  + Assignment number
  + Due date
  + General description of what the program does

**Pseudocode**

* When specified on assignment sheet, pseudocode must be handed in as part of assignment
* Pseudocode can be written in a word document or written in initial comment
* Failure to provide pseudocode is an automatic 15% deduction

**Quality (30%)**

Part of being a professional developer is writing quality code not code that is a mess! Quality code is easy to read, understand and modify. The grade for quality will be based on criteria such as:

* Consistent style
  + Indentation, spacing, capitalization, etc.
* Follows naming conventions
  + Use meaningful names for functions and variables
  + Use proper capitalization
    - Function and variable names begin with lowercase letter
    - Constants should be all uppercase
  + Use camel case
    - Functions - driveOnlyOnSunday()
    - Variables - numberOfCylinders
* Informative comments placed properly throughout code
  + Above sections of code that perform tasks
    - Explanation of what the section of code does
  + Above each function (except main)
    - Explanation of what the function does
* Cleanness
  + Free of redundant code or code that does nothing (i.e. variables that are never used)
  + Breaking down problem into functions (i.e. not one monolithic main function)
  + Well thought out functions that perform one specific task

**Specification (5%)**

Each assignment must follow the specifications for HOW you should implement the solution. For example, the assignment may specify that “IF statements” or “While loops” must be used in the solution.

Follow all specifications for the assignment to receive this 5% of the grade.

**Correctness (50%)**

To receive the grade for correctness, the solution to the assignment must:

* Produce the expected result
* Run without crashing

**General Information**

Assignments will be worth different points. The longer/tougher assignments will be worth more points.

**Even if you cannot get the assignment to work you can still get 50% of the grade but ONLY if the assignment meets the other 3 criteria (documentation, quality, specification). The point is - hand in what you have – show me that you tried to figure it out!**

We will run your code several times to verify that the results are correct.

Please make sure to do your own work, to avoid violating the UCCS Honor Code. Duplicate code is easy to spot.