**CMSC140 Common Project Submission Requirements**

**Important NOTE:**

**-If your program does not compile, project will get a grade of “0”.** Contact your instructor prior to the project submission due date if you have compilation issues.

-If your project has compilation errors and you are not able to resolve them, try to see your instructor during his/her office hour or go to tutoring session for help **prior to project’s due date**.

- Check your instructor’s office hours as well as the location and the schedule of the tutoring sessions with your instructor.

**Details for Deliverables:**

1. Word document(docx) or .pdf including:
   1. Title page including student name, project title and number
   2. Completed Test Plan table ( given in the project’s description document)
   3. Screenshot of the program run (using test data from the Test Plan)
   4. Pseudocode/Flowchart ( if applicable to the project )
   5. “Lessons Learned” section describing any issues you experienced during work on the project and how you solved them or your overall experience.
2. C++ file (source code): FirstInitialLastName\_Pr<number>.cpp

Include the following in your code:

Program Header: All programming projects’ source code need to have one block comment at the top of the program containing the course name and CRN, the project number, your name, project description, and the due date. Provide any additional comments as necessary to clarify the program.  
Following is a template of the required program header:

/\*

 \* Class: CMSC140 CRN

 \* Instructor:

\* Project<number>

 \* Description: (Give a brief description for Project)

 \* Due Date:

\* I pledge that I have completed the programming assignment independently.

   I have not copied the code from a student or any source.

   I have not given my code to any student.

   Print your Name here: \_\_\_\_\_\_\_\_\_\_

\* Pseudocode or Algorithm for the program:

(be sure to indent items with control structure)

(need to match flow chart submitted in documentation)

1.

2.

3.

4.

5.

(more as needed)

\*/

Comments: Add comment to variables, formulas, or any part of the program with the purpose of making the source code easier to understand.

Indentation: It must be consistent throughout the program and must reflect the control structure.

Proper naming conventions: Variable and method names need to be descriptive to show the role of the variable or method. Avoid single letter names. Constant names should be all upper case, variable names should use “camel case” (i.e. start with lower case, with subsequent words starting with upper case: *hours****W****orked* for example) or underscores to separate words (i.e. items\_ordered).

1. Checklist (grading sheet posted on Blackboard): Specific project checklist and grading rubric worksheet should be completed with your name in the highlighted cell and your initials in the checkboxes.

**What to submit on Blackboard?**

You need to submit the following two files to Blackboard:

* Word document(docx) or .pdf: FirstInitialLastName\_Pr<number>.docx or .pdf
* C++ file (source code): FirstInitialLastName\_Pr<number>.cpp