

## CSC 110 – Grading Programming Assignments

Your grade on your programming assignments will be based on five criteria:

**1. Functional requirements (30%)**

The functional requirements for a programming assignment describe what the program should do. If your program produces the result that is expected, your program meets the functional requirements. This includes testing to make sure your program runs for all cases that should be considered. If your program does not run, or runs with errors, you will lose at least half of the points assigned for this requirement.

**2. Specifications (25%)**

Each assignment will specify something about HOW you should implement your program. For example, if you are asked to use functions to solve a problem, this is part of the solution specification. If your program follows all of the specifications in the assignment, you will receive full credit for this portion of the grade.

**3. Documentation (15%)**

Every program you submit should include documentation that includes at least the following:

- a) Your name
- b) Due date of the assignment
- c) Title of the assignment
- d) Descriptions of functions and sections of code

**4. Readability (15%)**

It is important that your programs are readable to other people, including the graders. This includes the following:

- a) Well-named variables and functions
- b) Use of extra lines to break up sections of code
- c) Placement of comments – above the code is typically better than to the right of the code, unless it is a very short comment

**5. Code Quality (15%)**

The quality of your code is defined by good design. This includes good choice of control structures, functions, variable types, and efficiency. We will discuss these design choices throughout the semester, and the design requirements for assignments will increase as we learn more good design guidelines.