

## Written Communications Scoring Rubric for CS1410 Object Oriented Programming

Criteria	Well Below Expectations 1	Below Expectations 2	Meets Expectations 3	Exceeds Expectations 4
<b>Context and Purpose for Writing</b> <i>Source code file header comment fully describes the project and purpose of the code in the file.</i>	The header comment is missing or does not contain the information specified.	The header comment includes some, but not all, of the information specified.	The header comment includes the minimum information as specified.	The header comment is detailed and specific beyond the specification.
<b>Content Development</b> <i>Algorithms express the logic appropriate for a satisfactory solution to the problem.</i>	The source code does not reflect the algorithms required to solve the problem.	The source code reflects algorithms that partially or incorrectly solved the problem.	The source code reflects algorithms that correctly solved the problem.	The source code reflects algorithms that provide a more elegant and/or efficient solution than would normally be required.
<b>Genre and Discipline-Specific Conventions</b> <i>Appropriate control structures implement the algorithms required to solve the problem.</i>	The control structures selected do not express the logic of the algorithms required to solve the problem.	The control structures selected partially or incorrectly reflect the algorithms required to solve the problem.	The control structures selected correctly implement the algorithms required to solve the problem.	The control structures selected implement the algorithms in a manner that provides optimal efficiency in solving the problem.
<b>Claims</b> <i>Each requirement in the problem statement has been satisfied.</i>	None of the requirements in the problem statement have been satisfied.	The requirements in the problem statement have only partially been satisfied.	All requirements in the problem statement have been addressed and satisfied.	Additional requirements within the scope of the project have been added for increased functionality.
<b>Credible Evidence</b> <i>Program results are equivalent to verifiable test data.</i>	Program results do not match verifiable test data.	Program results partially match verifiable test data.	Program results exactly match verifiable test data.	Program results are shown to be reliable beyond the test data presented.
<b>Analysis</b> <i>Pre- and post-conditions are met for each method implementation.</i>	Pre- and post-conditions are not met for each method implementation.	Either pre- or post-conditions, but not both, are met for each method implementation.	Pre- and post-conditions are generally satisfied for each method implementation.	Pre- and post-conditions are fully met and documented for each method implementation.
<b>Control of Syntax and Mechanics</b> <i>Indentation, whitespace and placement of {} conform to a published style guide.</i>	Indentation, whitespace and placement of {} do not conform to the style guide format.	Indentation, whitespace and placement of {} partially or inconsistently conform to the style guide format.	Indentation, whitespace and placement of {} generally conform to the style guide format.	Indentation, whitespace and placement of {} never deviates from the style guide format.
<b>Overall Impact</b> <i>The programming solution is complete (all requirements met), correct (accurate verifiable results) and robust (fault tolerant).</i>	The programming solution is not complete, is not correct and is subject to runtime faults.	The programming solution is generally complete, correct and robust, but with significant shortcomings.	The programming solution is generally complete, correct and robust, with only minor shortcomings.	The programming solution is complete, correct and accurate with no shortcomings.