

## CSE 142 Generic Homework Rubric

This document provides a general description of how homework points are allocated on CSE 142 assignments. Note that point values vary from assignment to assignment and may not correspond exactly to how they are laid out below. This document is meant merely to give you a broad sense of what you will be graded on and in what proportions. Deviation from this outline should not be considered grounds for a regrade request.

Some CS-specific terminology in the chart below may be unfamiliar to you. These terms will be introduced throughout the course and will not be evaluated until they are taught. Such terms are underlined.

*Note: this chart assumes a total of 20 points, which is the norm for most 142 homework assignments.*

Category	Points	Description	Useful Resources
<i>External Correctness</i>			
External correctness	9-11	<p>Program behavior matches what is defined in the specification. Unless otherwise stated, behavior must match the spec <i>exactly</i> to receive full credit.</p> <p>Note that not all cases will have explicit examples provided. You are expected to read the spec carefully to determine and test all possible cases that are described. (You can safely ignore any cases that the spec explicitly tells you not to worry about.)</p>	<p><a href="#">Specification</a></p> <p><a href="#">Expected Output (on homework page)</a></p> <p><a href="#">Output Comparison Tool</a></p>
<i>Internal Correctness</i>			
Procedural decomposition	1-3	<p>Program is broken into meaningful, well-written <u>methods</u> that each perform a single task. Methods are non-trivial and use <u>parameters</u> and <u>return values</u> appropriately. The <u>main</u> method is a concise summary of overall program behavior.</p> <p>Some assignments require that certain methods exist and perform a specific task. These requirements will be given in the spec.</p>	<p><a href="#">Specification</a></p> <p><a href="#">Style Guide(s)</a></p>
Reducing redundancy	1-2	<p>Redundancy is reduced in the program by proper usage of <u>methods</u>, <u>loops</u>, <u>variables</u> and other approaches.</p> <p>In some cases, especially in early assignments, certain types of redundancy may be allowed. These will be mentioned explicitly in the specification. Unless otherwise noted, redundancy should be reduced as much as possible while maintaining otherwise good style.</p>	<p><a href="#">Specification</a></p> <p><a href="#">Style Guide(s)</a></p>
Proper use of new language constructs	1-2	<p>Language constructs or concepts introduced in the week immediately preceding the assignment are used correctly and appropriately. This can include specific usages required by the spec as well as general guidelines for proper usage described in lecture/section/the textbook.</p> <p>For assignments released on a Wednesday, this typically includes topics covered starting on the previous Friday up through the day the assignment is released.</p>	<p><a href="#">Specification</a></p> <p><a href="#">General Style Deductions</a></p> <p><a href="#">Lecture/Section examples</a></p> <p><a href="#">Textbook</a></p> <p><a href="#">Style Guide(s)</a></p>

Category	Points	Description	Useful Resources
Proper use of previous language constructs	0-1	Language constructs or concepts introduced in previous weeks are used correctly and appropriately. This can include specific usages required by the spec as well as general guidelines for proper usage described in lecture/section/the textbook.	<a href="#">Specification</a> <a href="#">General Style Deductions</a> <a href="#">Style Guide(s)</a>
Comments	1	<p>Appropriate, meaningful <u>comments</u> are present on the <u>class/program</u> and each method. <u>Inline comments</u> are also included as needed for complex or unintuitive sections of code.</p> <p>Comments should be descriptive and include all required information, but should not reveal implementation details.</p>	<a href="#">General Style Deductions</a> <a href="#">Style Guide(s)</a>
Otherwise good style	1-2	Code follows all style guidelines described in lecture and section and mentioned in the style guide(s). Code does not use any advanced material or forbidden constructs.	<a href="#">General Style Deductions</a> <a href="#">Style Guide(s)</a> Section stylesheets <a href="#">Lecture/Section examples</a>