

**16.216: ECE Application Programming****Fall 2015****Program 2: List of Deductions**

<b>Deduction number</b>	<b>Description</b>	<b>Points deducted</b>
<b>1</b>	<b>Late penalty</b>	Variable
<b>1</b>	<b>Comments</b> (If program contains no comments, -10)	<b>-10</b>
1a	No header comment	-3
1b	Header comment is present, but name is missing	-1
1c	Each variable declaration should be accompanied by a comment describing its purpose	-3
1d	Body of program contains no comments	-4
1e	Body of program contains some comments, but not enough	-3
<b>2</b>	<b>Indentation</b> (If code is not indented at all, -6)	<b>-6</b>
2a	All code inside main() should be indented at least one tab level	-3
2b	Code is not indented consistently	-3
<b>3</b>	<b>Variables</b>	
3a	Variable names are not descriptive enough	-3
<b>4</b>	<b>File name is incorrect</b>	<b>-10</b>
<b>5</b>	<b>Program does not compile</b>	<b>-60</b>
<b>6</b>	<b>Input</b> (if program does not follow input spec, -10)	<b>-10</b>
<b>7</b>	<b>Output</b> (if program produces little or no correct output, -50)	<b>-50</b>
7a	All output for series/parallel combination is incorrect	-15
7b	All output for series circuit is incorrect	-15
7c	All output for parallel circuit is incorrect	-15
7d	All output for series/parallel combination is incorrect	-15
7e	Single output value is incorrect (note should indicate which value)	-3
7f	Missing output labels (A for currents, V for voltages)	-5
7g	Output does not match specification (see notes)	-5
7h	Output is incorrect if input values are not integers	-15
<b>8</b>	<b>Miscellaneous</b>	
8a	Failure to comment out extra code intended to pause program at end (e.g., system("PAUSE"), infinite loop, etc.)	-5