





		HW 0119	HW 0209	HW 0308	HW 0322	HW 0503a	HW 0503b	So Far	Totals
<b>1</b>	<b>Encode, decode, and manipulate bit representations of different types of data.</b>								+
<b>1a</b>	Numbers		+					+	
<b>1b</b>	Characters		+					+	/
<b>1c</b>	Machine instructions								-
<b>2</b>	<b>Write programs in C, assembly language, or both at the same time.</b>								O
<b>2a</b>	Operate on strings at the storage level.				+			+	
<b>2b</b>	Use pointers, arrays, and address references.				+			+	
<b>2c</b>	Perform computations on registers and main memory.								
<b>2d</b>	Perform machine-level comparisons and jumps.								
<b>3</b>	<b>Understand and perform computing tasks close to the system level.</b>								
<b>3a</b>	Compile and link object code.								
<b>3b</b>	Follow and use calling conventions.								
<b>3c</b>	Invoke system calls.								
<b>4</b>	<b>Follow academic and technical best practices throughout the course.</b>								
<b>4a</b>	Write syntactically correct, functional code.				+			+	
<b>4b</b>	Use coding best practices, demonstrating principles such as DRY, proper separation of concerns, correct scoping of variables and functions, etc.				+			+	
<b>4c</b>	Write code that is easily understood by programmers other than yourself.				+			+	
<b>4d</b>	Use available resources and documentation to find required information.	+	+	+	+			+	
<b>4e</b>	Use version control effectively.	+			+			+	
<b>4f</b>	Meet all designated deadlines.	+	+	+	+			+	