





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