		HW 0119	HW tbd	HW tbd	HW tbd	HW tbd	HW tbd	HW tbd	HW tbd	So Far
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.**									
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.	+								+

Totals

+	3
|	0
/	0
–	0
O	0