





	HW 0908	HW 0924	HW 1020	HW 1029	HW 1124	HWa 1211	HWb 1211	So Far	Totals	
1 Appreciate and express the art and science of interaction design, including its theories, principles, methodologies, and role in software design and development.									+	2
1a Understand and express how interaction design relates to mental models.		+	+					+		5
1b Understand and describe core interaction design concepts: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings.			+						/	5
2 Understand and report on how humans behave and interact with the user interfaces of real-world systems and software.									-	0
2a Conduct and document a real-world study of how a cohort of users responds to a particular user interface, including but not limited to capturing and prioritizing usability metrics and correlating results to mental models and interaction design theories.			/						O	0
2b Effectively use: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings to make appropriate, well-founded interaction design decisions.		/				+	/			
3 Demonstrate the fundamentals behind designing and implementing user interfaces.										
3a Know and understand how user interfaces are constructed, especially the model-view-controller (MVC) paradigm.				/		/	/	/		
3b Know and understand event-driven programming.				/		/	/	/		
4 Follow academic and technical best practices throughout the course.										
4a Write syntactically correct, functional code.				/		/	/	/		
4b Demonstrate proper separation of concerns, especially MVC.				/			/	/		
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.	+	+	+	+	/	+	+	+		