





	HW 0908	HW 0924	HW 1020	HW 1029	HW 1124	HWa 1211	HWb 1211	So Far	Totals	
<b>1 Appreciate and express the art and science of interaction design, including its theories, principles, methodologies, and role in software design and development.</b>									+	0
<b>1a</b> Understand and express how interaction design relates to mental models.			/		/			/		5
<b>1b</b> Understand and describe core interaction design concepts: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings.		/	/		-			/	/	6
<b>2 Understand and report on how humans behave and interact with the user interfaces of real-world systems and software.</b>									-	1
<b>2a</b> 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
<b>2b</b> Effectively use: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings to make appropriate, well-founded interaction design decisions.		/	/		-			/		
<b>3 Demonstrate the fundamentals behind designing and implementing user interfaces.</b>										
<b>3a</b> Know and understand how user interfaces are constructed, especially the model-view-controller (MVC) paradigm.										
<b>3b</b> Know and understand event-driven programming.				/				/		
<b>4 Follow academic and technical best practices throughout the course.</b>										
<b>4a</b> Write syntactically correct, functional code.										
<b>4b</b> Demonstrate proper separation of concerns, especially MVC.				-				-		
<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.		+	+	/	+					