

HW 0906	PC 0906	HW 0918	HW 0927	HW 1016	PCa 1025	PCb 1025	HW 1030	HW 1101	HW 1120	HW 1129	HW 1204	Cumulative
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1	Know and understand the art and science of interaction design, particularly its first principles and key metrics.												
1a	Know and understand how interaction design relates to mental models.					+		/			/		/
1b	Know and understand the five key usability metrics.		+	+			+						+
1c	Know and understand interaction design guidelines, principles, and theories.			/							/		/
1d	Know and understand interaction styles.						+				/		
1e	Know and understand affordances.									o	/	+	
2	Apply this knowledge by studying, comparing, and evaluating the user interfaces of actual systems.	IOU 1129 “dream design” resubmit feedback.											
2a	Map real-world interaction design cases and/or situations to how mental models are expressed and communicated.			+				/			/		/
2b	Prioritize the five usability metrics for a given application.		+	/									
2c	Effectively use usability metrics, interaction design guidelines, principles, and theories, interaction styles, and affordances to make appropriate, well-founded interaction design decisions.			/							/		/
3	Know the fundamentals behind implementing user interfaces with working knowledge of technologies such as HTML/CSS/JavaScript, Ajax, jQuery, and Bootstrap.												
3a	Know and understand how user interfaces are constructed.					+				+			+
3b	Know and understand event-driven programming.								+	+		+	+
3c	Know and understand the model-view-controller (MVC) paradigm.								+	+			+
3d	Break down a high-level user action into a sequence of lower-level user or system events.												
4	Follow academic and technical best practices throughout the course.												

Totals	
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Outcomes		HW 0906	PC 0906	HW 0918	HW 0927	HW 1016	PCa 1025	PCb 1025	HW 1030	HW 1101	HW 1120	HW 1129	HW 1204	Cumulative
<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.			+	+	+				+	+		+	+