



	Outcomes	HW 0906	PC 906	HW 0918	HW 0927	HW 1016	PCa 1025	PCb 1025	HW 1030	HW 1101	HW 1120	HW 1129	HW 1204	Cumulative	<div>Totals</div> <div><div>+</div><div> </div><div>/</div><div>-</div><div>0</div></div> <div><div>1</div><div>5</div><div>11</div><div>0</div><div>1</div></div>	
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.						O		+					/		
1b	Know and understand the five key usability metrics.		+	+			O	O						/		
1c	Know and understand interaction design guidelines, principles, and theories.			/								+				
1d	Know and understand interaction styles.						O	O						/		
1e	Know and understand affordances.										O			/		
2	Apply this knowledge by studying, comparing, and evaluating the user interfaces of actual systems.															
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.									O	O			/		
3b	Know and understand event-driven programming.									O	O			/		
3c	Know and understand the model-view-controller (MVC) paradigm.					+				O	+			/		
3d	Break down a high-level user action into a sequence of lower-level user or system events.										O			O		
4	Follow academic and technical best practices throughout the course.															

## Totals

+	1
	5
/	11
-	0
O	1

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<b>4a</b>	Write syntactically correct, functional code.									O	-			/
<b>4b</b>	Demonstrate proper separation of concerns, especially MVC.					+				O	+			
<b>4c</b>	Write code that is easily understood by programmers other than yourself.									O	O			/
<b>4d</b>	Use available resources and documentation to find required information.	+			+	+				O	/	+		/
<b>4e</b>	Use version control effectively.	+			+	+			/	O	O			/
<b>4f</b>	Meet all designated deadlines.				+	+			+	-	/	+		