	Outcomes	HW 0906	PC 0906	PC2 0906	HW 0918	HW 0927	HW 1016	Cumulative
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.							
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.						+	+
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.**							
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.	+			/	+	+	+

Note: within 1b, 1c, 2b, 2c, 4a the "|" marks appear as noted per the original.

Totals

+	6
|	4
/	3
−	0
O	0

Outcomes		HW 0906	PC 0906	PC2 0906	HW 0918	HW 0927	HW 1016	Cumulative
4f	Meet all designated deadlines.	+			+	+	+	+