Outcomes	HW 0906	PC 0906	HW 0918	HW 0927	HW 1016	PCa 1025	PCb 1025	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.	+		|	+	+			+

Totals

+	12
|	3
/	0
−	0
O	0

Outcomes	HW 0906	PC 0906	HW 0918	HW 0927	HW 1016	PCa 1025	PCb 1025	Cumulative
4f Meet all designated deadlines.	+		+	+	+			+