





	HW 0908	HW 0924	HW 1020	HW 1029	HW 1124	HWa 1211	HWb 1211	So Far	Totals
1 Appreciate and express the art and science of interaction design, including its theories, principles, methodologies, and role in software design and development.									+
1a Understand and express how interaction design relates to mental models.		+	+		+			+	
1b Understand and describe core interaction design concepts: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings.		/	+						/
2 Understand and report on how humans behave and interact with the user interfaces of real-world systems and software.									-
2a 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
2b Effectively use: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings to make appropriate, well-founded interaction design decisions.			+		+			+	
3 Demonstrate the fundamentals behind designing and implementing user interfaces.									
3a Know and understand how user interfaces are constructed, especially the model-view-controller (MVC) paradigm.				+				+	
3b Know and understand event-driven programming.				+				+	
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.	+	+	+	+	+			+	
4f Meet all designated deadlines.	+	+	+	+	+			+	