mfraser42

#	Standard	HW 0903	HW 0926	HW2 0926	HW 1017	HW 1024	HW 1105	HW 1114	HW 1126	HW 1206	So Far
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 state the five key usability metrics and how to record or capture them.				+									+
1c	Understand and describe: 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.				+				+				+
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.				+	+					+		+
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.	+			+	+	+	+	+			+	+	+
4f	Meet all designated deadlines.	+	+		+	+	/			+	+	+

Totals

+	9
|	6
/	0
−	0
O	0
A−	