



atsullivan

HW 0903 HW 0926 HW 1017 HW 1024 HW 1105 HW 1114 So Far

Totals

<b>1</b>	<b>Appreciate and express the art and science of interaction design, including its theories, principles, methodologies, and role in software design and development.</b>								+	2
<b>1a</b>	Understand and express how interaction design relates to mental models.		/							9
<b>1b</b>	Understand and state the five key usability metrics and how to record or capture them.		/						/	4
<b>1c</b>	Understand and describe: interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings.		/			/		/	-	0
<b>2</b>	<b>Understand and report on how humans behave and interact with the user interfaces of real-world systems and software.</b>								O	0
<b>2a</b>	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.		/					/		
<b>2b</b>	Effectively use: usability metrics; interaction design guidelines, principles, & theories; interaction styles; and affordances & natural mappings to make appropriate, well-founded interaction design decisions.		/			/		/		
<b>3</b>	<b>Demonstrate the fundamentals behind designing and implementing user interfaces.</b>									
<b>3a</b>	Know and understand how user interfaces are constructed.				/					
<b>3b</b>	Know and understand event-driven programming.				/					
<b>3c</b>	Know and understand the model-view-controller (MVC) paradigm.						+	+		
<b>3d</b>	Break down a high-level user action into a sequence of lower-level user or system events.						+	+		
<b>4</b>	<b>Follow academic and technical best practices throughout the course.</b>									
<b>4a</b>	Write syntactically correct, functional code.			/	/			/		
<b>4b</b>	Demonstrate proper separation of concerns, especially MVC.						/			
<b>4c</b>	Write code that is easily understood by programmers other than yourself.			/	/		+			
<b>4d</b>	Use available resources and documentation to find required information.	+			/	/	+			
<b>4e</b>	Use version control effectively.	+			+	/				
<b>4f</b>	Meet all designated deadlines.	+		/	/	/	+			