



TonyMenji

HW	HW	HW	HW	HW	HW	HW	So
0903	0926	1017	1024	1105	1114	1126	Far

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

**Totals**

+	0
	0
/	1
-	0
O	14