

**MAHARISHI INTERNATIONAL UNIVERSITY**  
 CS525 - Advanced Software Development: *Established in Being Perform Action*  
*Design Patterns – Elements of Reusable Object-Oriented Software*

**Course Overview Chart**

WEEK		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>WEEK ONE</b>  <b>THEME I</b> <b>Learn Patterns</b>	<b>AM</b>	Introduction and Overview	Strategy Pattern	Observer Pattern	Decorator Pattern	Factory Pattern	Singleton Pattern
	<b>PM</b>	Power of Abstraction	Lab	Lab	Lab	Lab	Lab
	<b>Eve</b>	Read 1 - 36	Read 37 - 78	Read 79 - 108	Read 109 - 168	Read 169 - 190	Read 191 - 236
<b>WEEK TWO</b>  <b>THEME I</b> <b>Learn Patterns</b>	<b>AM</b>	Command Pattern	Adapter & Façade Patterns	Template Method Pattern	Iterator & Composite Patterns	Review	Midterm Exam
	<b>PM</b>	Lab	Lab	Lab	Lab	Review	
	<b>Eve</b>	Read 237 - 276	Read 277 - 316	Read 317 - 380	Review	Review	
<b>WEEK THREE</b>  <b>THEME I</b> <b>Learn Patterns</b>	<b>AM</b>	State Pattern	Proxy Pattern	Leftover Patterns	Programming Mock Exam	Review	Final Exam
	<b>PM</b>	Lab	Lab	Lab	Start of Project	Review for Final	
	<b>Eve</b>	Read 381 - 424	Read 425 - 492	Read 597 - 615	Review for Final	Review for Final	
<b>WEEK FOUR</b>  <b>THEME II</b> <b>Practice Patterns</b>	<b>AM</b>	Project	Project	Project	Presentation		
	<b>PM</b>	Project	Project	Project	Presentation		
	<b>Eve</b>	Project	Project	Project			