

## EDUC511- Course Calendar Spring 2011

Date	Topic	Readings	Assignment Due Date	Activity
Jan 13	Course Introduction-Class calendar- History of Science Education	Ch 1 Carin		Private Universe
Jan 20	Nature of Science, NCLB, PA Standards; Lab Safety PA Assessment Anchors, Keystone Exams	Ch 1 & 3 Carin		Flinn Safety Video
Jan 27	Introduction to teaching methodologies Writing lesson objectives Planning the lesson KWL-THC	Ch 5 Carin Bloom's Taxonomy Wheel	Safety Poster	Batteries & Bulbs
Feb 3	Inquiry Instructional Strategies I Learning Cycle, 5 E model & Inquiry Matrix Questioning strategies	Ch 2 & 4 Carin MOS Ch 7 5E article Matrix Questioning Booklet	Lesson Objectives	Minds of our Own video
Feb 10	Inquiry Lesson Presentation #1 Foldables	Carin Part B (Assigned topic)	Lesson outline	
Feb 17	Inquiry Lesson Presentation #1 Notebooks	Carin Part B (Assigned topic)	Lesson Outline	
Feb 24	Exemplary Science Programs: FOSS, GEMS, STS	Science for All Children (on line)		Science Kits
Mar 3	Understanding By Design What are the Big Ideas? Lesson Planning Writing Essential Questions	Dr. Woodson article Ch 6 & 7 Carin UBD Ch. 1, 2 & 4		Science Kids
Mar 7-12	Spring Break			
Mar 17	UBD phase 3 Assessment & Rubrics	UBD Ch. 5 & 6 Ch 6 Carin		
Mar 24	Learning Center Presentation		LC report	
Mar 31	Inquiry Lesson Presentation #2	(Approved topic)	Lesson Plan	
Apr 7	Inquiry Lesson Presentation #2	(Approved topic)	Lesson Plan	
April 14	Unit planning	UBD Ch. 9 & 11		
April 21	Easter			
April 28	Unit Plan Presentation		Unit Plan	
May 5	Unit Plan Presentation		Unit Plan	

Thursday 5:30 p.m. -8:20 p.m.

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