

EDUC511- Course Calendar Spring 2011

Date	Topic	Readings	Assignment Due Date	Activity
Jan 11	Course Introduction-Class calendar- History of Science Education	Ch 1 Carin		Private Universe
Jan 18	Nature of Science, NCLB, PA Standards; Lab Safety PA Assessment Anchors, Keystone Exams	Ch 1 & 3 Carin		Flinn Safety Video
Jan 25	Introduction to teaching methodologies Writing lesson objectives Planning the lesson KWL-THC	Ch 5 Carin Bloom's Taxonomy Wheel	Safety Poster	Batteries & Bulbs
Feb 1	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 8	Inquiry Lesson Presentation #1	Carin Part B (Assigned topic)	Lesson outline	
Feb 15	Inquiry Lesson Presentation #1	Carin Part B (Assigned topic)	Lesson Outline	
Feb 22	Exemplary Science Programs: FOSS, GEMS, STS	Science for All Children (on line)		Science Kits
Mar 1	Understanding By Design What are the Big Ideas?	Ch 6 Carin UBD Ch. 1 & 2		
Mar 7-12	Spring Break			
Mar 15	Lesson Planning Writing Essential Questions	Dr. Woodson article Ch 6 & 7 Carin UBD Ch. 4		
Mar 22	UBD phase 3 Assessment & Rubrics	UBD Ch. 5 & 6 Ch 6 Carin		
Mar 29	Learning Center Presentation		LC report	
Apr 5	Inquiry Lesson Presentation #2	(Approved topic)	Lesson Plan	
April 12	Inquiry Lesson Presentation #2	(Approved topic)	Lesson Plan	
April 19	Unit planning	UBD Ch 9 & 11		
April 26	Unit Plan Presentation		Unit Plan	
May 3	Unit Plan Presentation		Unit Plan	

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