





SPARCT Academy Schedule

2014	Topics	2015	Topics	2016	Topics
Day 1	Student	Day 1	Student	Day 1	Status of STEM
May 12,	Engagement	May 11, 2015	Engagement	May 17,	Education,
2014	AM: Classroom	9AM-4:30PM	AM: Classroom	2016	The Science of
9AM-4PM	Environment		Environment	12:30-	Learning
	and Working		and Working	4:30PM	Research
	with College		with College		
	Students		Students		
	PM: Real		PM: Real World		
	World STEM		STEM		
Day 2	Course Design	Day 2	The Science of	Day 2	Real World of
May 14,		May 13, 2015	Learning	May 19,	STEM Activity,
2014		1-4:30PM	Research,	2016	SCALE-UP,
1-4PM			Course Design	12:30-	PBL
				4:30PM	
Day 3	Outcomes and	Day 3	Conceptual	Day 3	Real World of
May 15,	Assessment	May 14, 2015	Change Model	May 24,	STEM activity,
2014		1-4:30PM		2016	Conceptual
1-4PM				12:30-	Change,
				4:30PM	POGIL
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Day 4	Process	Day 4	Flipping the	Day 4	Real World of
May 19,	Oriented	May 15, 2015	Classroom and	May 26,	STEM activity,
2014	Guided Inquiry	1-4:30PM	SCALE-UP	2016	Review of
1-4PM	Learning			DAY 4	EBPs,
	(POGIL)			12:30-	SoTL overview,
				4:30PM	SPARCT
					Alumni,
	The Flipped	Day F			Presentations
Day 5	The Flipped	Day 5	A.M. Process		
May 20,	Classroom	May 18, 2015 9AM-4:30PM	Oriented		
2014 1-4PM		SAIVI-4.30PIVI	Guided Inquiry		
1-49101			Learning		
			(POGIL)		
			P.M. Team-		
			Based Learning		
			Daseu Learning		







Remvigorating the Culture of Teaching		UNIVERSITY		IOF STEM Education	
David	Concontual	Day 6			SCIENCE + TECHNOLOGY + ENGINEERING + MATHEMATIC
Day 6	Conceptual	-	Problem/Project		
May 21,	Change Model	May 19, 2015	Based Learning		
2014		1-4:30PM	(PBL)		
1-4PM					
Day 7	Problem Based	Day 7	Assessment and		
May 22,	Learning (PBL)	May 20, 2015	IRB/SoTL		
2014		1-4:30PM			
1-4PM					
Day 8	Implementation	Day 8	Alumni Panel		
May 27,		May 21, 2015	and		
2014		1-4:30PM	SPARCT		
1-4PM			participants		
			present SoTL		
			ideas		
Day 9	Scholarship of				
May 28,	Teaching and				
2014	Learning				
1-4PM	_				
Day 10	Publications,				
May 29,	Promotion, and				
2014	Presentations				
1-4PM					