On-Campus Session
9am to 4pm, lunch 12-1pm

Day		Topic	Start	End	Duration	Presenter	Comments
Monday		**Introductions/Background/Review Week**	9:00	9:40	40 min	Brian/ All	
	AM	**Recap from pre-work, Applications to the KP world** • Problem to solve: What are the common people, process, technology, and strategy elements of an organizational analytics program? • Goal: Students build a baseline understanding of the role of analytics within an organization. • Recap of books with application examples from KP.	9:40	10:45	65 min	Brian Sikora	
		Break	10:45	11:00	15 min		
		Consulting Life Cycle • Problem to solve: How can analysts increase their effectiveness inside an organization? • Goal: Students gain knowledge and techniques to effectively engage with business and clinical leaders in data projects.	11:00	12:00	60 min	Zack & Binitha	
	Lunch	Break	12:00	1:00	60 min	N/A	
	PM	**Problem Set Lab Time** • Coding Q&A • Problem set 1	1:00	4:00	4 hours	Ted Laderas	
Tuesday	AM	**Sponsoring Analytical Work** •Guest Speakers: Karen Schartman •Problem to solve: Why do analytical efforts create implementation and adoption challenges within organizations? How can an analytical effort be framed to increase its likelihood of adoption within an organization? • Goal: Students learn how to identify, consider, and incorporate differing operational uses and perspectives in a single analytical effort. Students learn some techniques to overcome common challenges.	9:00	11:00	2 hours	Karen Schartman	
	Lunch	Break	11:00	11:30	30 min	N/A	
	PM	**What to Measure and How to Implement** • **Guest Speaker: Jason Jones. Vice President Information Strategy for Care Transformation** • Goal: Understand components of a successful analytic rollout to end users including communication, training, and change management. • Problem to solve: How do you drive adoption of a new analytical tool within an organization? Learn from KP's LACE score implementation and challenges related to reeducation after an initial failed attempt to operationalize LACE.	11:30	1:30	2 hours	Jason Jones	
		Break	1:30	1:45	15 min	N/A	
		Problem Set Lab Time • Complete problem sets 1, 2	1:45	4:00	105 min	Ted Laderas	
Wednesday	AM	Dashboards for analytics	9:00	10:00	60 min	Ted Laderas	
		Data Quality Lecture	10:00	0:00	60 min	Nicole Weiskopf	
		A Structured Approach to Requirements Definition • Guest Speaker: Michelle Schmidt • Problem to solve: Why are requirements important? How can I translate the operational needs of an analytical effort into structured requirements documents? • Goal: Students learn how to identify requirements and metrics. Students learn how to start breaking a concept down into discrete data elements, understand the difference between measures and dimensions, and can speak to the importance of documented requirements.	11:00	12:00	60 min	Michelle Schmidt	
	Lunch	Break	12:00	1:00	60 min.	N/A	
	PM	Creating Metrics	1:00	2:00	60 min.	Delilah Moore	
		Problem Set Lab Time • Problem sets 1, 2, 3	2:00	4:00	180 min.	Ted Laderas	
Thursday	AM	**Rollout & Training** Guest Speaker: Yvonne Rice, PharmD	9:00	10:00	60 min	Yvonne Rice	
		Evaluation of Analytic Efforts Guest Speaker: Eric Johnson, Investigator KP Center for Health Research	10:00	11:30	90 min	Eric Johnson	
		Final Presentation Prep Goal: Share best practices and common traps of presenting analytical work in organizational settings	11:30	12:00	30 min	Brian Sikora	
	Lunch	Break	12:00	1:00	60 min	N/A	
	PM	**Problem Set Lab Time** • Complete problem sets 1, 2, 3, 4	1:00	4:00	180 min	Ted Laderas	
Friday	AM	**Student presentations** • Problem set goal: For this, a 10-15 minute presentation on 'their take' on the data – what specifically they tried that was unique.	9:00	11:00	120 min	Students	
		Emerging Trends (Optional) • Class conversation - emerging trends in healthcare analytics	11:00	12:00	60 min	All	