Date	Book	Topic	Pages
January 15	Thorne	Relativity of Space and Time	60-86
January 17	Thorne	Warped Space-Time	87-120
January 22	Thorne	Black Holes & White Dwarfs	121-163
January 24	Thorne	Implosion	164-208
January 29	Thorne	Final State?	209-257
January 31	Thorne	Golden Age	258-299
February 5	Thorne	The Search	300-356
February 7	Thorne	Gravitational Radiation	357-411
February 12	Thorne	Reality & Hawking Radiation	412-448
February 14	Thorne	Singularities	449-482
February 19	Thorne	Time Machines	483-528
February 21		DVT presentation	
February 26	Wilczek	Reply to Keats	Intro., pp. 1-22
February 28	Wilczek	Uniformity of Structure	23-52
March 5	Wilczek	Transformations & Inevitability	53-96
March 7	Midterm Exam		
March 12	Break		
March 14	Break		
March 19	Wilczek	Quantal Reality	98-134
March 21	Wilczek	Radical Uniformity	137-170
March 26	Wilczek	Transforming Principles	171-206
March 28	Wilczek	Gluons & Asymptotic Freedom	207-228
April 2	Wilczek	Symmetry Lost & Found	231-275
April 4	Wilczek	Macrocosm & Quest	277-341
April 9	Kolata	Scientific Method & Early Astronomy	1-1 2-8
April 11	Kolata	Nebulae & Cosmic distances & Relativity	3-1 5-10
April 16	Kolata	Big Bang & CMB & Dark Matter	6-1 8-4
April 18	Kolata	Standard model & Early big bang	9-1 10-12
April 23	Kolata	Inflation & Dark energy	11-6 12-4
April 25	Kolata	Higher dimensions & String theory & Black holes	13-1 15-10
April 30		DVT presentation	
May 8		Final Exam	10:30 am - 12:30 pm

Physics 10240 Elementary Cosmology Spring 2019 Course Outline

Important Dates What

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Date	What		
Report Due	February 28		
Midterm Exam	March 7		
Spring Break	March 9-17		
DVT presentations	February 21 and April 30		
Final Exam	May 8		

Web Page

https://www3.nd.edu/~losecco/Cosmology/phy10240.html