

**PHYS 309/PHIL 389, Spring 2003  
Presentation Schedule:**

<b>Date:</b>	<b>Topic:</b>	<b>Presenters:</b>
4 Feb.	The Copernican Model and Kepler's Laws	Cushing, Ch. 5.
6 Feb.	Galileo on Motion	Cushing, Ch. 6. Tokorcheck
11 Feb.	Newton's <i>Principia</i>	Cushing, Ch. 7. Spangler & Arcilla
13 Feb.	Newton's Law of Universal Gravitation	Cushing, Ch. 8. Coomes & Normile
18 Feb.	Some Old Questions Revisited	Cushing, Ch. 9. Hennessy & Bradley
20 Feb.	Galileo's <i>Letter to the Grand Duchess</i>	Cushing, Ch. 10. Strycker & Wasikowski
25 Feb.	An Overarching Newtonian Framework	Cushing, Ch. 11. Chu & McCrea
27 Feb.	Determinism	Cushing, Ch. 12. Willis & Kheriaty
4 Mar.	Models of the Aether	Cushing, Ch. 13. Taylor
18 Mar.	Maxwell's Theory	Cushing, Ch. 14.
20 Mar.	The Kaufmann Experiments	Cushing, Ch. 15.
25 Mar.	The Essentials of Special Relativity	Cushing, Ch. 16. Peterson & Strathman
27 Mar.	Further Consequences of Einstein's Postulates	Cushing, Ch. 17. Easterday & Carducci
1 Apr.	General Relativity and the Expanding Universe	Cushing, Ch. 18.
3 Apr.	The Road to Quantum Mechanics	Cushing, Ch. 19.
8 Apr.	Copenhagen Quantum Mechanics	Cushing, Ch. 20.
10 Apr.	Is Quantum Mechanics Complete?	Cushing, Ch. 21.
15 Apr.	The EPR Paper and Bell's Theorem	Cushing, Ch. 22. Chitambar
17 Apr.	An Alternative Version of Quantum Mechanics	Cushing, Ch. 23.
22 Apr.	The Role of Historical Contingency	Cushing, Ch. 24.
24 Apr.	Status of Scientific Knowledge	Cushing, Ch. 25.