

Financial Modeling Schedule

Week	Dates	Topic	Lectures	Projects Assigned	Projects Due
Week 1	08/31-09/07	Introduction to the Class, Modeling, Python, and Excel	1: Financial Modeling with Python and Excel 2: Getting Started with Python and Excel		
Week 2	09/07-09/14	Building a Full Excel Model and Python Basics	3: The Depth of a Financial Model 4: Going Beyond an Initial Python Script	1: Excel and Python TVM	
Week 3	09/14-09/21	Python Basics, Continued	4: Going Beyond an Initial Python Script		
Week 4	09/21-09/28	Wrapping up Python Basics, and Building a Full Python Model	4: Going Beyond an Initial Python Script 5: The Depth of a Financial Model, Continued		
Week 5	09/28-10/05	Building a Full Python Model and Visualization	5: The Depth of a Financial Model, Continued 6: Understanding Complex Results		
Week 6	10/05-10/12	Visualization and Sensitivity Analysis	6: Understanding Complex Results 7: Exploring the Parameter Space		1: Excel and Python TVM
Week 7	10/12-10/19	Sensitivity Analysis	7: Exploring the Parameter Space	2: Probabilistic Loan Pricing	
Week 8	10/19-10/26	Probability Modeling	8: Probabilistic Modeling		
Week 9	10/26-11/02	Probability Modeling and Combining Excel and Python	8: Probabilistic Modeling 9: Combining Excel and Python		
Week 10	11/02-11/09	Monte Carlo Simulation	10: Monte Carlo Simulation	3: Monte Carlo Cost of Capital	2: Probabilistic Loan Pricing
Week 11	11/09-11/16	Introduction to DCF Valuation and Cost of Capital Estimation	11: Introduction to DCF Valuation and Cost of Capital Estimation		
Week 12	11/16-11/23	Cost of Capital Estimation and Free Cash Flow Estimation	11: Introduction to DCF Valuation and Cost of Capital Estimation 12: Free Cash Flow Estimation and Forecasting	4: Full DCF Valuation	3: Monte Carlo Cost of Capital
Week 13	11/23-11/30	Forecasting Free Cash Flows	12: Free Cash Flow Estimation and Forecasting		
Week 14	11/30-12/07	Advanced Financial Modeling Roadmap	13: Advanced Financial Modeling		
Week 15	12/07-12/17	Final Project Time			4: Full DCF Valuation