

#	Day	Date	Title	Content
1	M	19-Aug-19	Introduction/Overview	Discuss project development timeline; Various Perspectives related to Mining Project Valuation; Introduce anticipated speakers and timing; Describe project/case study format; Our expectations for the course; Course Survey
2	W	21-Aug-19	Semester Assignments and the Art of the Press Release	Background and Semester Assignments, access to data, the Art of the Press Release
3	M	26-Aug-19	Intro to Discounted Cash Flow	Fundamentals of DCF, example DCF sheet for later use
4	W	28-Aug-19	Beyond DCF	Valuation Methods, technical and non-technical uncertainty, investor risk, discount rate, alternative valuation
	M	2-Sep-19	Labor Day	No class
5	W	4-Sep-19	Project Successes and Failures	Owner and investor expectations, did a project deliver?
6	M	9-Sep-19	Exploration and Resource Geology	Guest Speaker - Declaration of Mineral Resources, Applicable reporting frameworks, Role of the Qualified Person/Competent Person (QP/CP)
7	W	11-Sep-19	Water	Role of the Water Balance in Mine Project Development and Implementation, Emerging Conservation Technologies, Role of Recycling, Future reporting and public disclosure trends; Impacts to Project Economics
8	M	16-Sep-19	Strategy/Perspectives on Valuation	Examples of Industry Practice, Trends
9	W	18-Sep-19	Front End Engineering	Project Delivery Framework, Industry Practice, Reference Documents
10	M	23-Sep-19	Metallurgy	Mineral Process Design and Performance, Inputs and Outputs, Real World Examples, Role of QP/CP
11	W	25-Sep-19	Mine Planning and Mineral Reserves	Guest Speaker - Declaration of Mineral Reserves, Engineering and Economics, Real World Examples, Role of QP/CP
12	M	30-Sep-19	Environmental - Accounting for Mine Closure	Surety Bond Estimates, Trends that impact magnitude and timing of closure costing, Use of DCF in estimation of AROs and Reclamation Liabilities, Impacts to Project Economics
13	W	2-Oct-19	Infrastructure - Tailings Management, the Present and Future	Guest Speaker - Past, Present and Future of Tailings Management, Learning from Failures, Impacts to Project Economics
14	M	7-Oct-19	Due Diligence	Fit for purpose, role of DD in different transactions, useful tools
15	W	9-Oct-19	Mid Term	3 - 5 press releases on topical issues
16	M	14-Oct-19	Environmental - Finance and Social License	Equator Principles and IFC Standards on Debt Financing, Social License
	W	16-Oct-19	Fall Break	No class
17	M	21-Oct-19	Review Mid-Term, Assign Semester Projects	
18	W	23-Oct-19	Project Benchmarking	Capital and operating cost risk, resource, infrastructure
19	M	28-Oct-19	Streaming/Royalty Perspective	Guest Speaker - Typical Project; Value Creation; Industry Trends
20	W	30-Oct-19	EPC Perspective on Project Delivery	Guest Speaker - Transition from the FS to Detailed Engineering and Beyond, Owners Team, Logistical Risks, common errors, best practice
21	M	4-Nov-19	Private Equity Perspective	Guest Speaker - Deal flow, DD process, Risk Assessment, Industry Trends
22	W	6-Nov-19	Banker/Finance Perspective	Guest Speaker - Project finance, Methodology, Industry Trends, Risk Assessment
23	M	11-Nov-19	Deal Structure and Risk Management	Industry examples, tool box
24	W	13-Nov-19	Market Studies and Revenue Strategy	Industry sources, different commodities
25	M	18-Nov-19	Owner - Merger/IPO Perspective	Guest Speaker - How does an owner view the value of their company? How does the owner prepare for raising capital?
26	W	20-Nov-19	Risk and Outrage - Can a Project Get off the Ground?	Why do some projects trigger outrage? Even when the science is sound. Is this predictable? How do you balance risk and valuation?
27	M	25-Nov-19	Semester Project Introduction	Introduction to Semester Project Presentations
28	W	27-Nov-19	Non-Class Day - Thanksgiving	
29	M	2-Dec-19	Reserved	Class Presentations
30	W	4-Dec-19	Reserved	Class Presentations