

Financial Decisions in Engineering Project Management

Day	Date	Content	Homework Assignment
1	2/7	1. <u>Engineering Economic Framework</u>	-
2	3/7	2. <u>Cash Flow Analysis and Valuation</u>	-
3	4/7	3. <u>Nominal and Effective Interest Rates</u>	-
4	5/7	4. <u>Present Value Analysis</u>	Quiz 1 Preparation
5	6/7	<ul style="list-style-type: none"> • Quiz 1 (Topic 1-3) • Present Value Analysis (cont.) 	-
6	9/7	5. <u>Annual Value Analysis</u> <ul style="list-style-type: none"> • <i>Project Description and Group Forming</i> 	Project: topic selection
7	10/7	6. <u>Rate of Return Analysis: Single Alternative</u> <ul style="list-style-type: none"> • <i>Project Proposal Discussion</i> 	Project: proposal preparation
8	11/7	7. <u>Rate of Return Analysis: Multiple Alternatives</u> <ul style="list-style-type: none"> • <i>Project Proposal Presentations</i> 	Project: data collection
9	12/7	8. <u>Breakeven Analysis: Single and Multiple Alternatives</u>	Quiz 2 Preparation
10	13/7	<ul style="list-style-type: none"> • Quiz 2 (Topic 4-7) • <i>Project: Group Discussion</i> 	Project: data collection and spreadsheet modeling
11	16/7	<ul style="list-style-type: none"> • <i>Project: Financial Analysis and Spreadsheet Modeling</i> 	Project: spreadsheet modeling
12	17/7	9. <u>Decision under Uncertainties: Analysis Techniques</u>	Project: spreadsheet modeling
13	18/7	<ul style="list-style-type: none"> • <i>Project: Preparation of Presentation and Report</i> • <i>Project: Individual Group Consultation</i> 	Project: presentation and report preparation
14	19/7	<ul style="list-style-type: none"> • <i>Project Presentations</i> 	-
15	20/7	<ul style="list-style-type: none"> • <i>Project Presentations</i> 	-