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| 1    | Aug-22  | 0.1 Syllabus Information  
0.2 Principles of Economics Decision Analysis  
0.3 Procedures of Economic Decision Analysis | 1        |
| 2    | Aug-29  | 1.1 Cost terminology  
1.2 The cost aspect in economic analysis  
1.3 Cost-driven design of economics | 2        |
| 3    | Sep-05  | 1.4 An overview of cost estimation (reading)  
1.5 Selected cost estimation techniques  
1.6 Parametric cost estimation | 3        |
| 4    | Sep-12  | 1.7 Cost estimation in design process  
1.8 Time value of money concept  
1.9 Cash flows | 3, 4     |
| 5    | Sep-19  | 1.10 Time varying cash flows and interests  
1.11 Interest compounding frequency | 4        |
| 6    | Sep-26  | Test 1 (7:00pm -8:00pm)  
2.1 Discounted cash flow methods  
2.2 Rate of return methods  
2.3 Payback period methods | 1-4      |
| 7    | Oct-03  | 2.4 Basic concepts of comparing alternatives  
2.5 Comparison of MEAs with equal lives | 6        |
| 8    | Oct-10  | 2.6 Comparison of MEAs with unequal lives  
2.7 Guideline for public projects evaluating public projects (reading)  
2.8 Benefit-cost ratio methods | 6, 10    |
| 9    | Oct-17  | 2.9 Simulation study  
3.1 Replacement analysis: concept | 9, 10    |
| 10   | Oct-24  | Test 2 (7:00pm -8:00pm)  
3.2 Before-tax replacement analysis | 5, 6, 10 |
| 11   | Oct-31  | 3.3 Depreciation  
3.4 Tax effect | 7        |
| 12   | Nov-07  | 3.5 After-tax replacement analysis  
4.1 Breakeven analysis  
4.2 Sensitivity analysis | 9, 11    |
| 13   | Nov-14  | Test 3 (7:00pm -8:00pm)  
4.3 Decision tree analysis | 7, 9     |
| 14   | Nov-21  | No class (Thanksgiving Holiday) |          |
| 15   | Nov-28  | 4.4 Statistical analysis  
4.5 Monte Carlo simulation | 11, 13   |
| 16   | Dec-05  | Presentation and reporting |          |
| 17   | Dec-12  | Test 4 (7:00pm -8:00pm) (tentative) | 11, 13   |