

BBSE3009 Project Management and Engineering Economics

<http://www.mech.hku.hk/bse/bbse3009/>

Summary of Teaching (Dr. Sam C. M. Hui)

1. Project Management at Production and Construction Stages 1.1 Building and Construction 1.2 Project Plan 1.3 Building Contract 1.4 Contractor Organisation	4. Claim Management and Settlement (CMS) 4.1 Fluctuations 4.2 Delay 4.3 Extension of Time 4.4 Claims for Direct Loss and/or Expense 4.5 Cross Claims
2. Site Organisation and Supervision (SOS) 2.1 Contractor's Preparation 2.2 Site Production 2.3 Control Process 2.4 Practical Examples	5. Alternative Dispute Resolution (ADR) 5.1 Arbitration 5.2 Advantages and Disadvantages of Arbitration 5.3 Alternative Dispute Resolution (ADR) 5.4 Strengths and Weaknesses of ADR 5.5 ADR Techniques Examined and Compared 5.6 FIDIC's Amicable Settlement Clause
3. Measurement & Valuation of Works (MVW) 3.1 Architect's Instructions 3.2 Variations 3.3 Measurement and Valuation of Variations 3.4 Pro-Rata Rates 3.5 Fair Valuation 3.6 Provisional and Prime Cost Sums 3.7 Certificates and Payments	Role Playing Exercise To simulate a site meeting at which the various parties in a construction project will meet and discuss controversial issues and try to resolve them

Concept Map:

