

Week	Theme	Recorded lecture (1hr)	Lecturer	Practical Exercise (~2hrs)
1	Introduction to Economics & Health Economics	Key concepts and economic tools; scarcity, need, demand, opportunity cost, margins, efficiency and equity. Techniques for economic appraisal CEA, CUA, CBA (CCA, CMA). Trial based and modelling (live lecture)	NM	Discussion board exercise 'NHS £2billion/week and counting' based reflection.
2	Why is health 'different'?	Market failure, supply & demand, equity considerations (live lecture)	RM	Case study (capabilities - Sen?) Signpost further reading
3	Health care systems: finance	Alternative systems for organising and financing health care plus live guest lecture	PB	Discussion board: payment mechanisms. Reflections on different countries.
4	Measuring & valuing costs for economic appraisal	Approaches to measuring & valuing costs. Resource use and costing for economic evaluation. Discounting exercise.	CG	Calculating costs: Access unit cost sources, combining with resource use, inflating to current prices (Excel based)
5	Measuring & valuing outcomes for economic appraisal: life years	Measuring life years for economic evaluation - life tables, survival curves, measuring life years	DR	Life tables, Calculating LYG (Excel)
	<i>Revision break</i>			
6	Measuring & valuing outcomes for economic appraisal: clinical & health	Choosing relevant outcome measures for HTA; clinical outcomes; HRQoL; QALYs. Within lecture exercise	HF	Patient reported EQ-5D outcomes, calculate QALY (Excel)

7	Critical appraisal of economic evaluations	Guidelines, checklists, reporting standards. Appraising published economic evaluations using CHEERS guideline.	NM	Case Study and practical: critical appraisal of economic evaluation using CHEERS
8	Analysis & tools for decision making	Incremental analysis and decision rules, NMB, presenting uncertainty for cost-effectiveness analysis. Within lecture exercise.	KB	Discounting costs & QALYs, calculating ICER, calculating NMB. Decision Rules Advanced / extra: PSA exercises?
9	Cost-benefit analysis	CBA Methods. CBA in public health / population health studies.	EM	Case study: how a CBA design could have improved the study
10	Healthcare systems: decision making	HTA policy making in the UK and around the globe (NICE, SMC, international cases: reference case, thresholds, QALYs v's DALYs)	EG	Presentation "Discuss the reference case of a country in relation to approach to HTA decision making" e.g. European, Canada, Australia, Asia
Extra resources		Live Introduction and Revision sessions		