Quantitative Methods in Systems Engineering

WEEK 1: MAKING EARLY TRADEOFF DECISIONS

Week 1: Making Early Tradeoff Decisions > Concept Selection Methods

UNWEIGHTED DECISION MATRIX

	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
Criteria 1	0	-1	0	0	+1	-1
Criteria 2	0	+1	-1	-1	+1	+1
Criteria 3	0	-1	-1	0	-1	+1
Criteria 4	0	+1	-1	0	-1	-1
Criteria 5	0	-1	+1	+1	+1	+1
Criteria 6	0	+1	0	0	0	0
Criteria 7	0	-1	-1	-1	0	-1
Criteria 8	0	+1	+1	+1	0	-1
Better (+1)	--	4	2	2	3	3
Same (0)	--	0	2	4	3	1
Worse (-1)	--	4	4	2	2	4