

















University of Malta	Examples of Measurabl Quality Factors (2/2)	e Internal
 Generality The breadth components Operability The ease of Simplicity The ease wit Traceability The ability to Training The ease wit system. 	of the potential application of so operation of the software. th which the software can be und b link software components to re-	oftware derstood. quirements. e to use the
Slide 17 of 59	Ernest Cachia Department of Computer Science	Faculty of ICT

University of Malta	ftware Development Cost proaches	Estimation
 Expert judgemen By analogy Algorithmic Cost Parkinson's Law Pricing "to win" 	t Modelling (Compiled from a combination of Somm	nerville & Van Vliet)
All the above appro – Top-down estima – Bottom-up estima	baches can be carried out as eit tion, or ttion	her:
Slide 21 of 59	Ernest Cachia Department of Computer Science	Faculty of ICT

Univers	ity of Malta Parkinson's Law
Sta	ates that:
	"Work expands to fill the time available"
Th	erefore
1.	Check your available resources
2.	Cost your available resources
3.	Assume their max usage
4.	Estimate the project cost accordingly
Slide 26 of 59	Ernest Cachia Department of Computer Science Faculty of ICT

Universi	ty of Malta Session Contents	
	 COCOMO-1 COCOMO-2 Object Points Just a mention of Function Points 	
Slide 32 of 59	Ernest Cachia Department of Computer Science	Faculty of ICT

University of Malta Object Point Counts					
	Simple	Medium	Difficult		
Screen	1	2	3		
Report	2	5	8		
3GL module			10		
ide 51 of 59	Ernest C Department of Cor	achia nputer Science	Faculty of		

