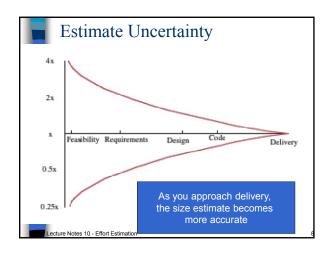
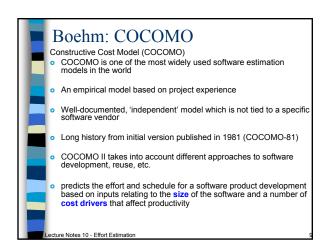
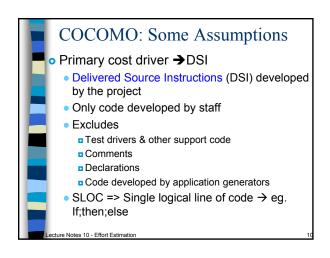
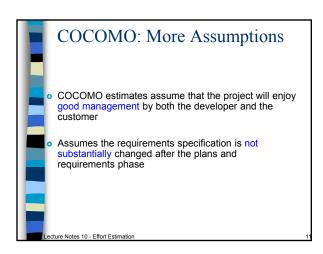


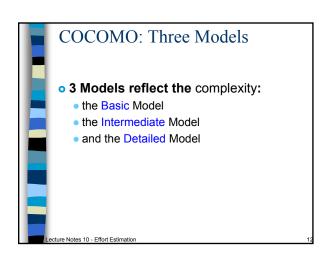
Problems with Algorithmic Estimation • Effort estimates are based on size • Highly inaccurate at start of project • Size is usually given in lines of code • Lines of code does not reflect the difficulty • Some short programs are harder to write than long ones • Lines of code ≠ effort □ Not all activities produce code • Programming Language: Java vs. assembler • Number of Components • Distribution of the system • Recall Brooks Chapter 2 • Effort ≠ progress • The B exponent is an attempt to account for communication and complexity costs, but basic problem remains

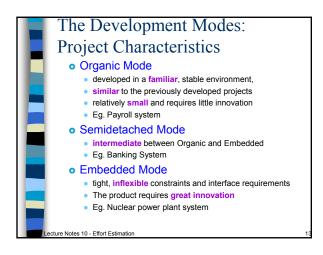


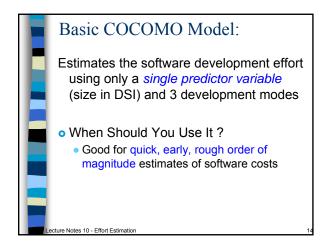


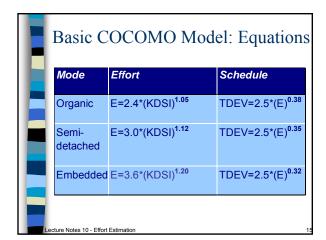


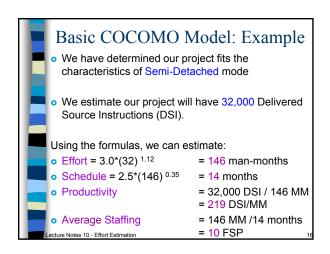


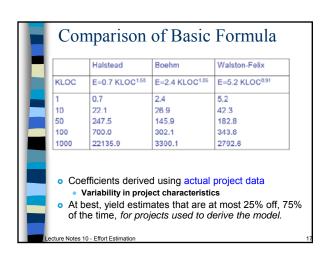


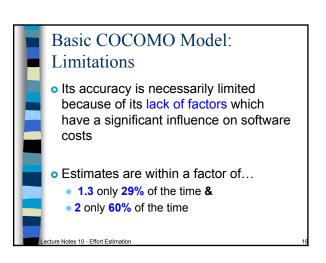


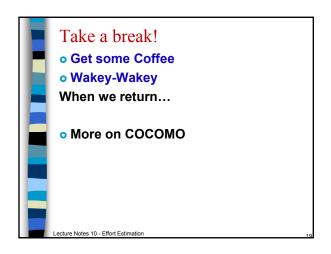


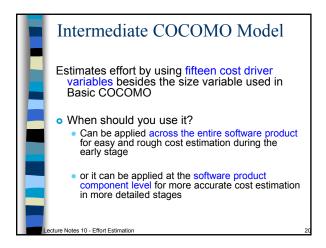




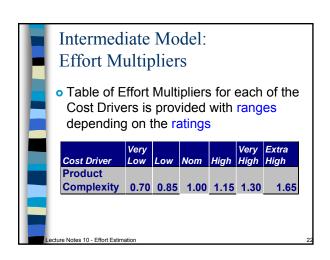












Mode	Effort	Schedule
Organic	E=EAF*3.2*(KDSI) ^{1.05}	TDEV=2.5*(E
Semi- detached	E=EAF*3.0*(KDSI) ^{1.12}	TDEV=2.5*(E
Embedded	E=EAF*2.8*(KDSI) ^{1.20}	TDEV=2.5*(E



