



## Costing for a project



- Compare cost and effort estimates developed using LOC and cost/task techniques
- reconcile (and rationalize) differences
- add other costs, such as computer time, travel and living, materials, etc.
- recognize potential deviation

### Example of Cost Estimation for Distance Learning System

Step 1. LOC Cost Table Technique:

Function	Optimistic	Most	Pessimistic	Expected	Deviation
Cal Interface	200	300	550	325	58
Login Interface	30	50	100	55	11
Administration	300	450	600	450	50
PHP	100	150	200	150	16
Open SSL	150	200	300	208	25
MySQL	150	250	300	241	25
Java BDC	100	150	250	158	25

Expected LOC (Lines of Code) = 1587

Deviation = 210

68% range = 1377 to 1797

99% range = 327 to 2844

(\$/LOC) = \$20

Cost = \$20 x 1587 = \$31,740