

Interim CS577b Project Sizing

- Disregard COCOMO II schedule estimates
 - Should assume 12 week schedule (10wks construction, 2 wks transition)
 - Should assume constant team size
- Derive estimated team size from COCOMO II PM estimate
 - Assume 1 team member=1.67 COCOMO II PM
- Ideal COCOMO PM estimate:
 $(5TM)(1.67)=8.33$ PM
- CS577 version of USC COCOMO II coming soon
 - Built-in cs577 assumptions
 - Activity distributions from last year's effort data

COCOMO II Construction Phase PM Estimates and CS577b
Rough Team Size (for risk assessment, not precise planning)

1 577b Team Member ≈ 1.67 COCOMO II
Person Months (“EST-Most Likely” from
display)

For construction phase (weeks 11,12 are
transition phase)

COCOMO II Construction Phase PM Estimates and CS577b Rough Team Size (for risk assessment, not precise planning)

1 577b TM \approx (10 wks) (12 proj hrs/week) \approx 120 proj-hr

1.67 COCOMO II PM \approx 1.67(1.52 hr/PM) (.66 proj-hr/total
hr)*(.72 in cs577b)** \approx 120 proj-hr

* .66 of day spent doing project work (see Fig)

** 72% of effort in Construction phase(cs577b)

28% of effort in Elaboration phase(cs577a)

Ideal COCOMO II PM Estimate:

(5TM) (1.67)=8.33 PM