

In the event that many of the students are still working on their Performance Analysis Reports. Start the lecture at 10:00 a.m. to give the students more time to finish all the material. The remaining material can be rushed through if needed. It is more important that the students finish all the assignments, by the end of the week. Also for those without travel constraints, you can reserve the facility for the remainder of the day and make yourself available to get everyone through the course.

PSP Advanced: Day Five Agenda

Class Discussion

Class discussion

Design Templates	Design Verification
PROBE Methods	Correlation & Significance
Prediction Interval	Confidence Interval
Size Estimation	Earned Value
Planning Performance	Leading vs. Lagging Indicators
Quality Performance	Good Process Definition
Evolving a Process	Process Performance

Were you surprised by anything in your reports?

Common process issues

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Discuss any issues the students might be having with the new concepts they learned thus far in the course.

Focus your discussion of the students findings from writing the Performance Analysis Report.

How did their Performance Analysis Report Process work for them?

Good Process Definition includes:

- Scripts
- Forms
- Measures
- Standards

PSP2.1 Common Errors



PSP Advanced: Day Five Agenda	
Class Data Review	
Number of assignment submitted	Defects found in design review
Actual development time	Defects found in code review
Time estimating error	Defects found in compile
Design time	Defects found in test
Compile time	Yield
Test time	Productivity
Actual size	Yield vs. Productivity
Size estimating error	Yield vs. A/FR
Size vs. development time	Total Quality Costs
Total defects	Appraisal Costs
Defects injected in design	Appraisal to Failure Ratio
Defect injected in coding	Yield vs. COQ
Defect removal rates	A/FR vs. Test Defects
Compile vs. test defects	
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Open the instructor's tool and walk through the graphs of interest. As this is the final review you should cover all of them. Focusing on the more interesting ones.



PSP Advanced: Day Five Agenda


Course Agenda - Day 5

- 8:00 Continental breakfast
- 8:15 Class data feedback
- 9:00 L9: Being a TSP Team Member
- 9:45 Break
- 10:00 Capstone exercise
- 11:45 L10: Course Conclusion
- 12:00 Lunch

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