



CSD MODERN TECHNIAL PRACTICES TRAINING DAY WISE AGENDA

All of the modules will be taught in three passes. The first pass, where we provide the overview and a demonstration, followed by the second pass where we go into greater detail, finer points as well as get participation with hands-on exercises. This approach helps everyone, particularly participants who have very little background in various agile practices. As a topic or practice is discussed in depth, there are often references to other topics, and therefore helps to have a general overview before we have in-depth sessions. Finally, in the third pass, third day participant spend over four hours implementing the longer exercise and gain first hand experience of applying the all the learnings. We close with a de-brief, test and Q&A session.

SESSIONS	Time (min)
Introduction (introductions and agenda)	15
TDD and collaboration first pass	30
Design, architecture, refactoring and CI first pass	30
Collaboration in depth <ul style="list-style-type: none">• User stories• Collaboration within team• Collaboration between team and customer(PO)	120
Design and architecture <ul style="list-style-type: none">• Agile design principles• Demo and exercise• Enabling practices of XP and simple design ----- END OF FIRST PASS -----	150
TDD in depth (second pass) <ul style="list-style-type: none">• TDD overview: cycle and roles [0.5 hr]• Illustrative example (code review) [0.5 hr]• Acceptance test and Hands on coding demo [1.0 hr]• Development exercise [1.0 hr]	120



----- END OF DAY 1 -----	
TDD in depth continued <ul style="list-style-type: none">• Testing overview and background for TDD [1.0 hr]• TDD in relation to Scrum and XP• TDD the big picture	180
Refactoring in depth	120
Continuous Integration in depth	90
----- END OF SECOND PASS -----	
Start of running exercise, briefing and SPM	60
----- END OF DAY 2 -----	
Continuation of running exercise (sprint of 4 notional days)	240
Sprint reviews (Demos)	60
Refactoring to patterns.	60
Recap, test and Wrap-up (Q nA)	60
----- END OF DAY 3 -----	