

Review Fall 2014
(files NOT listed are NOT on the exam)

T1

- 1-Intro to processes: 5-14
- 2- shortIntro to SCRUM: 2,3,6 (but ignore the bullet about 'generative rules'), 9, 11
- 3- Intro to user stories: **pages** 2-4, 13-16, 21-23
- 7a- shortTDD-tutorial: all material
- 7b- understand and think about this picture's pros and cons
(files 9 to 12 should be read to further understand the pros and cons of TDD)
- 8- TDD example: you should skim the first 10 pages to understand why Martin's form of TDD is purely bottom up (ie "let's see where these tests lead us" ...)
- 13- ATDD: **pages** 6-10
- 14- cucumber folder (nothing on JBehave): skim part1 for Cucumber basic knowledge, nothing more
- 16- BDDwithExamples: all 10 pages but *without* focusing on the process or claimed benefits but rather on the semantics of BDD
- 17- ISO9126
- 17a- s/w metrics: up to 41
- 18a: refactoring in Eclipse: need to know the name and purpose of each refactoring action (ie tool)
- 18b: first refactoring paper: need to understanding method and key point
- 18c: second refactoring paper: read and bring the whole paper
- 19: Meszaros xUnit patterns: all

T2

- TOTEM paper: up to page 17 inclusively, in detail
- Nov10.pdf: in detail
- Spec Explorer: in-class discussion of what the tool does and how it does it
→ the posted examples are NOT on the exam

- 1- Intro to QA: up to and including slide on "Cost of fixing defects"
- 2- V&V: all except last slide
- 3- Basic Principles: up to and including slide on "What Testing can accomplish"
- 4- Levels of testing: all
- 5- Integration testing: first 16 slides (ie first 8 pages)
- 6- Models for SwQA: slides 1-18 and 26-45
- 7- CFG Coverage: all
- 8- State Coverage: 1-14 and 23-26
- 9: Equivalence Partition and Decision Tables: all
- 10- Combinations: 1-18
- 11- Testing UCs: all

It is also assumed you know how to use JUnit, Cucumber and Selenium

The exam is Thursday December 18th at 7pm in AT101

