
Software Testing: Overview

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Course Administration: Books

- **Main text: Pezzè & Young, Software Testing and Analysis: Process, Principles and Techniques, Wiley, 2007.**
- Paul Ammann and Jeff Offutt, Introduction to Software Testing, Cambridge University Press, Cambridge, UK, ISBN 0-52188-038-1, 2008.
- G.J. Myers, The Art of Software Testing, Second Edition, John Wiley & Sons, New York, 1976.
- B. Marick, The Craft of Software Testing, Prentice Hall, 1995
- C Kaner, J. Bach, B. Pettichord, Lessons Learned in Software Testing, Wiley, 2001.

Material covered via readings, presentations, web resources and practical experience.

Course Administration

- **Course TA:** Panos Stratis <s1329012@sms.ed.ac.uk>, Room 5.24 @ IF
- Tutors:
 - Ajitha Rajan arajan@staffmail.ed.ac.uk
 - Panos Stratis s1329012@sms.ed.ac.uk
 - Vanya Yaneva s0835905@sms.ed.ac.uk
 - Tanya Soni s1551581@sms.ed.ac.uk
- **Course Web page:** <http://www.inf.ed.ac.uk/teaching/courses/st/>
- **Useful:** <http://www.cs.uoregon.edu/~michal/book/index.html>

- Useful: <http://www.testingeducation.org>
- Alternate: http://www.youtube.com/watch?v=ILkT_HV9DVU Open Lecture by James Bach on Software Testing - where he takes a different perspective on the task.
- Useful Context: <http://www.computer.org/web/swebok> see the Testing section of the Software Engineering Body of Knowledge

Course Assessment

- **One practical worth 25% of the final mark** — Practical will involve testing a system and producing a group report (group size - 3 or 4).
- **Issued:** week ending 22nd January. **Deadline** Monday 21st March at 1600. **Feedback** on draft submissions submitted by 1600 on Monday 29th February.
- **One examination worth 75%**. This will be an **open-book** examination.
- **Tutorials** — not assessed but doing them will make it much easier to do the examination and practicals

Tutorials

- There are four tutorials available on the course. Each one is *owned* by a different tutor.
 - Tutorial 1 - Week 3 (week starting January 25th)
 - Tutorial 2 - Week 5 (week starting Feb 8th)
 - Tutorial 3 - Week 7 (week starting March 1st)
 - Tutorial 4 - Week 8 (week starting March 8th)
- Each tutorial relates to a different section of the practical.
- You must read through and prepare for the tutorial in advance. Some of the tasks in the tutorials require you to work with another person, these can be done during the tutorial.