

## WTEU-73 - Group D: Building a syllabus for testers

Week	Topic and outline (including key skills)	Homework assignment	Recommended reading / videos
Example	<b>How to write a good bug report</b> What is a bug (definition) What is a bug report, and why do we need them Difference between a good and bad bug report Michael Bolton's <a href="#">PEOPLE WORKing</a> mnemonic	Find a bug in the real-world, for instance in an app on your phone, or in a computer game. Write a bug report, making sure it meets all the elements of the PEOPLE WORKing mnemonic.	Ministry of Testing Dojo - "Supercharging Your Bug Reports" by Neil Studd (video, 35 minutes)
1	What is testing...what is verification ? what is checking ?	Test a wine glass ? and report back	
2	What is in your toolkit..building a toolbox..plumbers have more than wrenches..electricians dont just use screwdrivers Test Tools / aids..., virtual machines, browserstack, postman overview	Research a new weapon/device/plugin..?	<a href="http://thesocialtester.co.uk/">http://thesocialtester.co.uk/</a>
3	Testing activities/ techniques - white/black/greybox..static/dynamic...overview,	Look up Boundary Testing / Equivalence Partitioning and apply one to your fav website	BBST
4	Environments to test in..web/mobile/thick client and the main differences	Run a test on website	
5	Test Ideas / Mind Mapping . heuristics/oracles	Look at hiccups or san francisco depot and apply a mind map to fav website	
6	Non functional testing - security, performance...etc	Setup postman client ? and document MIM ..investigate another proxy tool... Charles/Fiddler ?	<a href="https://github.com/dhatanian/ticketmagpie">https://github.com/dhatanian/ticketmagpie</a>
7	Schools of testing - get to know that there is more than one approach to testing	Read <a href="http://www.testingeducation.org/conference/wtst_pettichord_FSofST2.pdf">http://www.testingeducation.org/conference/wtst_pettichord_FSofST2.pdf</a>	<a href="http://www.testingeducation.org/conference/wtst_pettichord_FSofST2.pdf">http://www.testingeducation.org/conference/wtst_pettichord_FSofST2.pdf</a>

8	The testing community - Getting to know sources of information	Attend WTEU Listen to the latest "Let's talk about tests, baby" podcast.	<a href="http://www.ministryoftesting.com">www.ministryoftesting.com</a> <a href="https://testingpodcast.com/tag/gem-hill/">https://testingpodcast.com/tag/gem-hill/</a> <a href="http://testinginthehub.co.uk/testinginthehub/">http://testinginthehub.co.uk/testinginthehub/</a>
9	When is testing done / what is enough testing Risk based testing/informed testing...using analytics..	Give them mobile app to test...and explain next day, they've tested 1 o/s and browser on 1 device...what about others	
10	Formal education and certification	Find out about 2 organizations providing testing education and contrast their approaches.	
11	Visiting distinguished Tester... Mark Whitteringham / Dan Ashby / James Whittaker / Bolton ?	Watch Ben Simo presentation from Cast on US healthcare gov	<a href="https://www.youtube.com/watch?v=n9-Gz1U87CJ">https://www.youtube.com/watch?v=n9-Gz1U87CJ</a>
12	Final Exam :)	Do the <a href="http://www.fourhourtester.net/">http://www.fourhourtester.net/</a> task	