

The following papers and books may provide good starting points for various research paper assigned throughout the semester. It is not an exhaustive list, and some of the papers are even quite old, so I expect to see other publications on your lists of references. If the links are missing or do not work, most of these papers should be easy to find with some careful Google search queries or by searching archives of the journals themselves. If you need something but cannot find it after a good faith effort, let me know and I will try to help you find it or see if I have a PDF saved somewhere.

Sommerville, Software Engineering, 9/E, Addison-Wesley, 2011 ISBN: 9780137035151

Marick, Brian, "Classic Testing Mistakes", <http://www.testing.com/writings/classic/mistakes.html>

Chillarege, Ram, "Software Testing Best Practices",  
<http://www.chillarege.com/authwork/papers1990s/TestingBestPractice.pdf>

"The Software Quality Challenge", CrossTalk, June 2008.

"An Introduction to Scenario Testing"  
<http://www.testingeducation.org/a/scenario2.pdf>

"Gold Practice: Model Based Testing"  
<http://www.goldpractices.com/practices/mbt/index.php>

"Enjoying the Perks of Model Based Testing"  
<http://www.stickyminds.com/sitewide.asp?Function=edetail&ObjectType=ART&ObjectId=3166>

"The Combinatorial Design Approach to Automatic Test Generation", <http://www.argreenhouse.com/papers/gcp/AETGieee97.shtml>

"Automated Combinatorial Test Methods – Beyond Pairwise Testing", CrossTalk, June 2008.

"Employing Data Flow Testing on Object Oriented Classes", IEEE Proceedings Software, April 2001.  
<http://ieeexplore.ieee.org.ezproxy1.lib.asu.edu/iel5/5658/20231/00934994.pdf?tp=&arnumber=934994&isnumber=20231>

"The Use and Limitations of Static-Analysis Tools to Improve Software Quality", CrossTalk, June 2008.

"Load Testing 101",  
<http://webperformanceinc.com/library/reports/TestingAspNet/index.html>

"Testing XML Web Services"  
<http://www.codeproject.com/webservices/webservicestesting.asp>

"Learning from Software Security Testing"  
Tøndel, Inger Anne; Jaatun, Martin Gilje; Jensen, Jostein;  
[Software Testing Verification and Validation Workshop, 2008. ICSTW '08. IEEE International Conference on](#)

9-11 April 2008 Page(s):286 – 294

“Don’t Wait to Test SOA Applications”

[http://websphere.sys-con.com/read/98059\\_1.htm](http://websphere.sys-con.com/read/98059_1.htm)

“An Empirical Study of Regression Test Selection Techniques”, ACM Transactions on Software Engineering and Methodology, April 2001.

<http://delivery.acm.org/10.1145/370000/367020/p184-graves.pdf?>

[key1=367020&key2=1961464511&coll=GUIDE&dl=GUIDE&CFID=2860602&CFTOKEN=10988999](http://delivery.acm.org/10.1145/370000/367020/p184-graves.pdf?key1=367020&key2=1961464511&coll=GUIDE&dl=GUIDE&CFID=2860602&CFTOKEN=10988999)

Enhancing the Efficiency of Regression Testing through Intelligent Agents

Salima, T.M.S. Ummu; Askarunisha, A.; Ramaraj, N.;

[Conference on Computational Intelligence and Multimedia Applications, 2007. International Conference on](#)

Volume 1, 13-15 Dec. 2007 Page(s):103 – 108

Musa, J., "Operational Profiles in Software-Reliability Engineering", *IEEE Software*, 3/93, pp. 14-32.

Software Reliability Engineering: A Roadmap

Lyu, Michael R.; [Future of Software Engineering, 2007. FOSE '07](#)

23-25 May 2007 Page(s):153 – 170

Test Plan Sample,

<http://www.sqatester.com/documentation/testplansmpl.htm>

Fleming, Q.W. and J.M. Koppelman, “Earned Value Project Management.. an Introduction,

<http://www.stsc.hill.af.mil/crosstalk/1999/07/fleming.asp>

“In-process metrics for software testing”,

<http://www.research.ibm.com/journal/sj/401/kan.pdf>

“Incorporating Metrics in an Organizational Test Strategy”

Afzal, Wasif; Torkar, Richard;

[Software Testing Verification and Validation Workshop, 2008. ICSTW '08. IEEE International Conference on](#)

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“High-performance software testing teams: A guide for managers and team leads”,

<http://www-128.ibm.com/developerworks/rational/library/content/RationalEdge/sep04/dimaggio/index.html>

“Designing and Building a Software Test Organization”

Benton, B.;

[Software Testing, Verification, and Validation, 2008 1st International Conference on](#)

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Marick, B., “The Test Manager at the Project Status Meeting”

<http://www.testing.com/writings/status/status.html>

Weyuker, E., "Clearing a Career Path for Software Testers", IEEE Software, March/April 2000, pp. 76-86.

Card, D., "Learning from Our Mistakes with Defect Causal Analysis", IEEE Software, February 1998, pp. 56-63.

Chernak, Y., "Validating and Improving Test-Case Effectiveness", IEEE Software, Jan./Feb 2001, pp. 81-85.

Introducing TPAM: Test Process Assessment Model, Crosstalk, June 2004,  
<http://www.stsc.hill.af.mil/CrossTalk/2004/06/0406Chernak.html>

Testing Patterns  
<http://www.testing.com/test-patterns/patterns/index.html>

"A Critical Analysis of Empirical Research in Software Testing"

Briand, L.C.;

[Empirical Software Engineering and Measurement, 2007. ESEM 2007. First International Symposium on](#)  
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