

## Readings and References

The Readings are portions of the required texts that I identified specifically to be read. The References are all the other papers and web links that I referenced one way or another in the lectures. The number on the left is the lecture number where the material was referenced.

### Readings

- 1 Chapters 1-5, *The Mythical Man-Month*, Brooks
- 4 Chapters 5-10, *The Mythical Man-Month*, Brooks
- 11 Chapters 1-3, *Pragmatic Programmer*, Hunt and Thomas
- 12 Chapters 4-6, *Pragmatic Programmer*, Hunt and Thomas

### References

- 2 What will people pay for? Dan Bricklin.  
Accessing a whole new world via multimedia phones. Dan Gillmor.  
J2ME Data Sheet from Sun  
Wireless Toolkit 1.0.4 User Guide from Sun  
Above references are all linked from the class web site  
<http://www.cs.washington.edu/education/courses/403/03wi/otherlinks403.html>
- 3 *Rapid Development*, Steve McConnell  
Chapter 2, Rapid-development strategy  
Chapter 5, Risk management
- 4 *Rapid Development*, Steve McConnell  
Chapter 7, Lifecycle Planning  
*Anchoring the Software Process*, Barry Boehm, USC, 1995  
<http://citeseer.nj.nec.com/boehm95anchoring.html>
- 5 *Rapid Development*, Steve McConnell  
Chapter 10, Customer-Oriented Development  
*User Interface Design for Programmers*, Joel Spolsky  
Chapter 12, The Process of Designing a Product  
*Anchoring the Software Process*, Barry Boehm, USC  
<http://citeseer.nj.nec.com/boehm95anchoring.html>
- 6 *Painless Functional Specifications*, Joel Spolsky  
<http://www.joelonsoftware.com/printerFriendly/articles/fog0000000036.html>  
*Anchoring the Software Process*, Barry Boehm, USC  
<http://citeseer.nj.nec.com/boehm95anchoring.html>

- 7 *The Mythical Man-Month*, Brooks  
*The Pragmatic Programmer*, Hunt & Thomas  
Chapter 7, Before the Project  
*Structuring Use Cases with Goals*, A. Cockburn  
<http://alistair.cockburn.us/crystal/articles/alistairsarticles.htm>  
*Use cases in theory and practice*, A. Cockburn  
<http://alistair.cockburn.us/crystal/articles/alistairsarticles.htm>
- 8 *Rapid Development*, Steve McConnell  
Chapter 4, Software Development Fundamentals  
Chapter 12, Teamwork  
Chapter 13, Team Structure  
*The Mythical Man-Month*, Brooks  
Chapter 3, The Surgical Team
- 9 *Programming Considered as a Human Activity*, EW Dijkstra, Proceedings of the IFIP Congress 65  
on hold in the Engineering Library  
*On the Criteria To Be Used in Decomposing Systems into Modules*, DL Parnas, Comm. of the ACM, V15, No 12, Dec 1972  
<http://www.acm.org/classics/>
- 10 "Collections", Java tutorial  
<http://java.sun.com/docs/books/tutorial/collections/index.html>
- 11 *Rapid Development*, Steve McConnell  
Chapter 19, Designing for Change  
*Perfection and Simplicity and Designing Distributed Systems*, from *A Conversation with Ken Arnold*, by Bill Venners, artima.com  
<http://www.artima.com/intv/perfect.html>  
<http://www.artima.com/intv/distrib.html>
- 12 *Rapid Development*, Steve McConnell  
Chapter 18, Daily Build and Smoke Test  
The Joel Test: 12 Steps to Better Code, Joel Spolsky  
<http://www.joelonsoftware.com/printerFriendly/articles/fog0000000043.html>
- 13 Anchoring the Software Process, Barry Boehm, USC, 1995  
<http://citeseer.nj.nec.com/boehm95anchoring.html>  
Software Architecture, David Garlan, CMU, 2001  
<http://www-2.cs.cmu.edu/~able/publications/encycSE2001/>  
A Practical Method for Documenting Software Architectures, Clements, et al, CMU, 2002  
<http://www-2.cs.cmu.edu/~able/publications/icse03-dsa/>

- 14 Software Architecture, David Garlan, CMU, 2001  
<http://www-2.cs.cmu.edu/~able/publications/encycSE2001/>  
A Practical Method for Documenting Software Architectures, Clements, et al, CMU, 2002  
<http://www-2.cs.cmu.edu/~able/publications/icse03-dsa/>  
Enterprise JavaBeans Specification, Sun Java Community Process  
<http://java.sun.com/products/ejb/docs.html>
- 15 If You Didn't Test It, It Doesn't Work, Bob Colwell, IEEE Computer  
<http://www.computer.org/computer/homepage/0502/Random/>
- 17 Anchoring the Software Process, Barry Boehm, USC, 1995  
<http://citeseer.nj.nec.com/boehm95anchoring.html>  
Balancing Discipline and Flexibility with the Spiral Model and MBASE (Model-Based Architecting and Software Engineering), Boehm and Port  
<http://www.stsc.hill.af.mil/crosstalk/2001/12/index.html>  
Unified Process for EDUcation, Rational Software Corporation and École Polytechnique de Montréal  
<http://www.yoopeedoo.com/upedu/index.htm>
- 18 Release Engineering Information, FreeBSD  
<http://www.freebsd.org/releng/index.html>  
<http://www.freebsd.org/releases/4.8R/schedule.html>