

Unit 3: Estimating, Planning and Risk

Required Reading

Brooks, P. (1975) *The Mythical Man-Month - Essays in Software Engineering*.

Anniversary ed. Addison-Wesley.

- Chapters 1-5.

Stellman, A. & Greene, J. (2008) *Applied software project management*. 1st ed.

Sebastopol, CA: O'Reilly.

- Chapter 2.
- Chapter 3.

Dicheva, D. & Hodge, A. (2018) *Active Learning through Game Play in a Data Structures Course*. In the Proceedings of the 49th ACM Technical Symposium on Computer Science Education. 834-839.

Jorgensen, M. and Shepperd, M. (2007). *A Systematic Review of Software Development Cost Estimation Studies*. *IEEE Transactions on Software Engineering* 33(1):33–53.

Mäkitalo, N., Taivalsaari, A., Kiviluoto, A., Mikkonen, T. and Capilla, R. (2020). *On opportunistic software reuse*. *Computing* 102(11). 2385–2408.

Additional Reading

Campbell, T. (2016) *Practical Information Security Management*. 1st ed. APRESS.

- Chapter 1.
- Chapter 2.

Hubbard, D.W. (2009) *The Failure of Risk Management: Why It's Broken and How to Fix It*.

Van der Linden, J., Amadiou, F., Vayre, E. & Van de Leemput, C. (2019) User Experience and Social Influence: A New Perspective for UX Theory. In Marcus, A. & Wang, W. (eds) Design, User Experience, and Usability. Design Philosophy and Theory. HCII 2019. Lecture Notes in Computer Science. 11583. Springer: Cham, India