

SWEN326

Recommended Reading List for SWEN326

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Clarke, E. M., Orna Grumberg, and Doron A. Peled. Model Checking. Cambridge, Mass: MIT Press, 1999.

Hobbs, Chris. Embedded Software Development for Safety-Critical Systems. n.d.

Holzmann, Gerald. 'The Power of 10: Rules for Developing Safety-Critical Code'. Computer 39, no. 6 (June 2006): 95-97. <https://doi.org/10.1109/MC.2006.212>.

Holzmann, Gerard J. 'Mars Code'. Communications of the ACM 57, no. 2 (February 2014): 64-73. <https://doi.org/10.1145/2560217.2560218>.

Hovemeyer, David ; Pugh, William. 'Finding Bugs Is Easy'. ACM SIGPLAN Notices 39, no. 12 (2004): 92-106. <https://doi.org/10.1145/1052883.1052895>.

Ian Sommerville. Software Engineering (10th Edition). Pearson; 10 edition, n.d.
https://www.amazon.com/Software-Engineering-10th-Ian-Sommerville/dp/0133943038/ref=sr_1_1?s=books&ie=UTF8&qid=1521069366&sr=1-1&keywords=sommerville+software+engineering.

Leanna Rierson. Developing Safety-Critical Software: A Practical Guide for Aviation Software and DO-178C Compliance. CRC Press; 1 edition, n.d.
<https://www.amazon.com/Developing-Safety-Critical-Software-Practical-Compliance/dp/143981368X>.

Mission-Critical and Safety-Critical Systems Handbook. Amsterdam: Newnes, 2010.
http://victoria.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=6325573540002386&institutionId=2386&customerId=2385.

Nielson, Flemming, Hanne Riis Nielson, and Chris Hankin. Principles of Program Analysis. Berlin: Springer, 1999.