

UNIVERSITY OF SOUTHERN CALIFORNIA

COMPUTER ENGINEERING

SCREENING EXAMINATION

**EE 595**

## **SOFTWARE DESIGN AND OPTIMIZATION**

### SUGGESTED READING

1. C Primer Plus, S. Prata, 6th Edition, ISBN 9780133432381, 2014.
2. Introduction to Algorithms, T.H. Cormen, Third Edition, 2009.
3. Code Complete: A Practical Handbook of Software Construction, S. McConnell, Second Edition, 2015.
4. Python Machine Learning: Machine Learning and Deep Learning with Python, scikit-learn, and TensorFlow 2, 3rd Edition 3rd Edition.
5. Agile Testing: A Practical Guide for Testers and Agile Teams 1st Edition

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Please be aware that these references are for guidance in BASIC knowledge. Ph.D. candidates are screened on the basis of talent, course knowledge, independent reading and experience.

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*Updated August 2023*