Software Development

Literature

Hans-Petter Halvorsen

Free Textbook, Videos, and other Resources

Free Download (PDF)

Books

Software Engineering
I. Sommerville, 10 ed.: Pearson, 2015
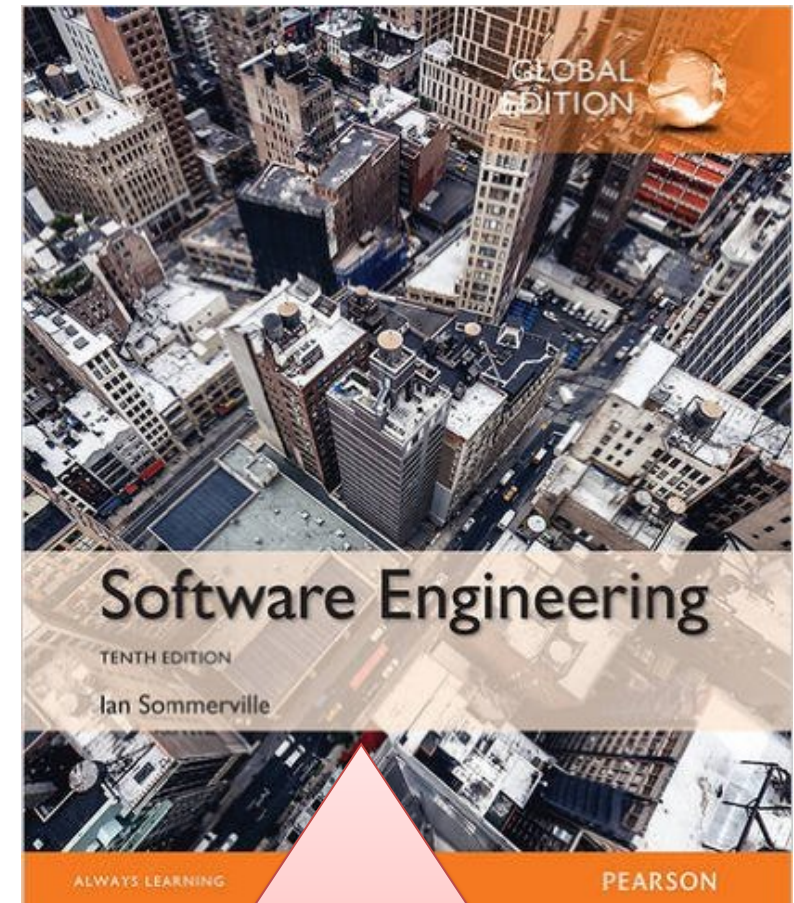
Available Online for free!
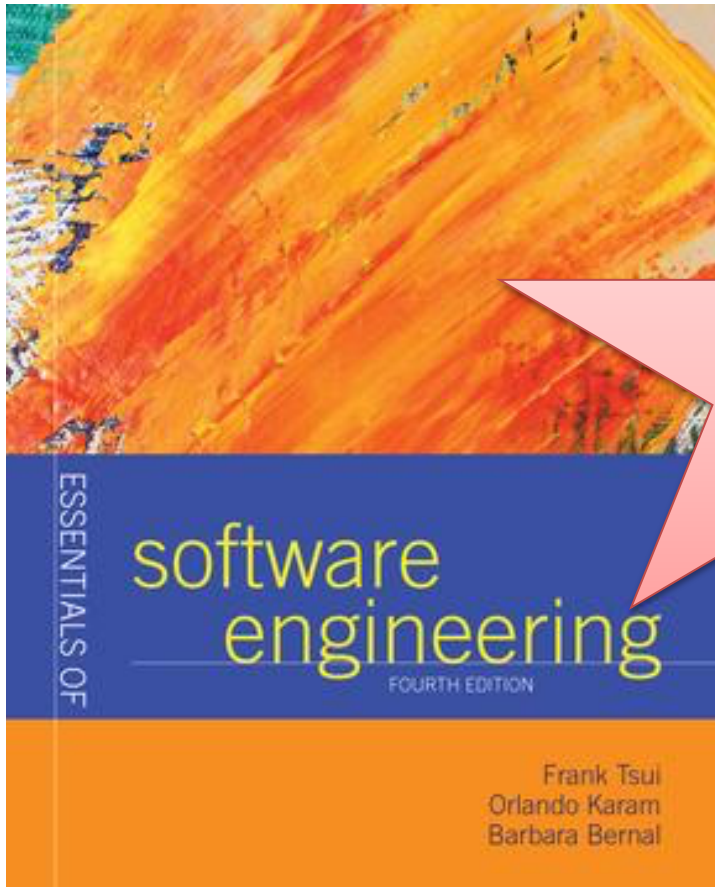
Recommended to **Buy**!
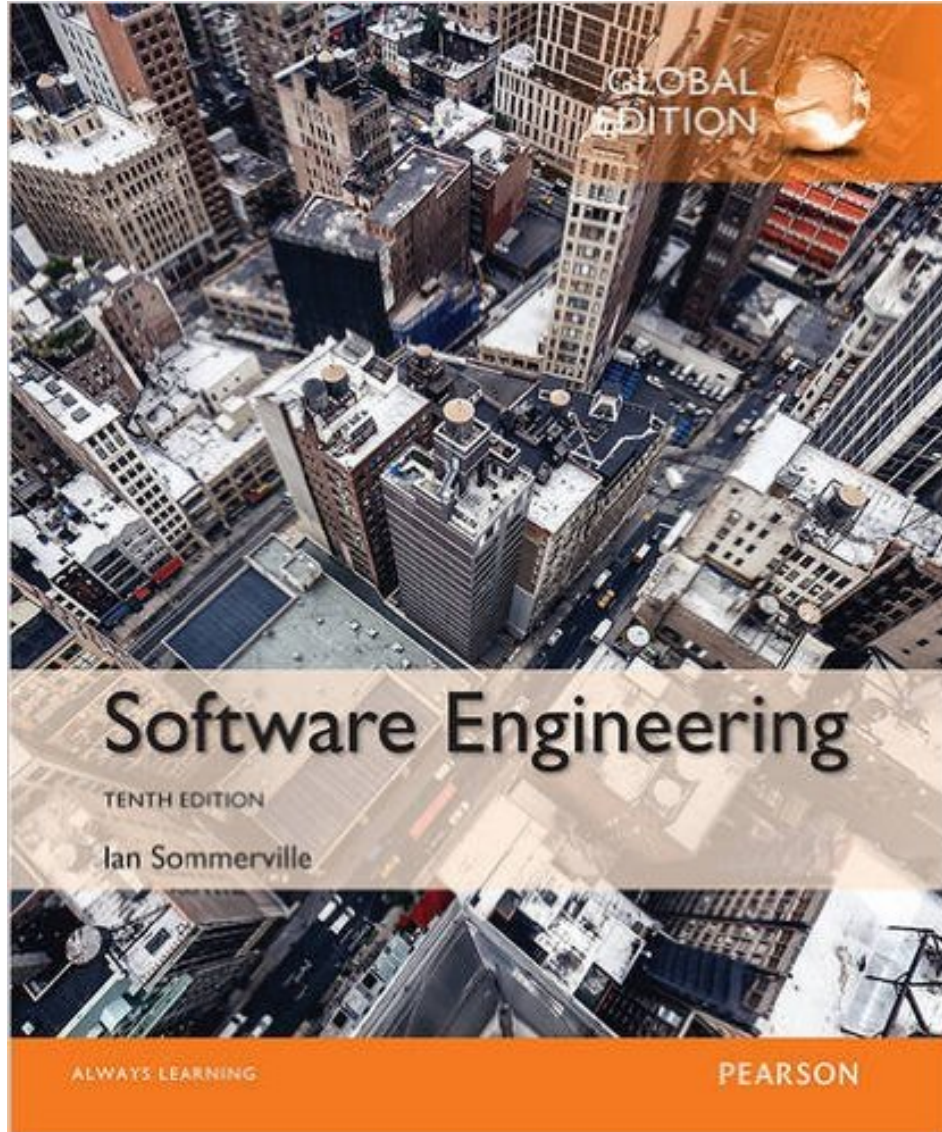
Essentials of Software Engineering
Frank Tsui; Orlando Karam; Barbara Bernal, 4 ed.,
Jones & Bartlett Learning

Software Engineering

Ch. 1: Introduction

Ch. 2: Software Processes

Ch. 3: Agile Software Development

Ch. 4: Requirements Engineering

Ch. 5: System Modeling

Ch. 6: Architectural Design

Ch. 7: Design and Implementation

Ch. 8: Software Testing
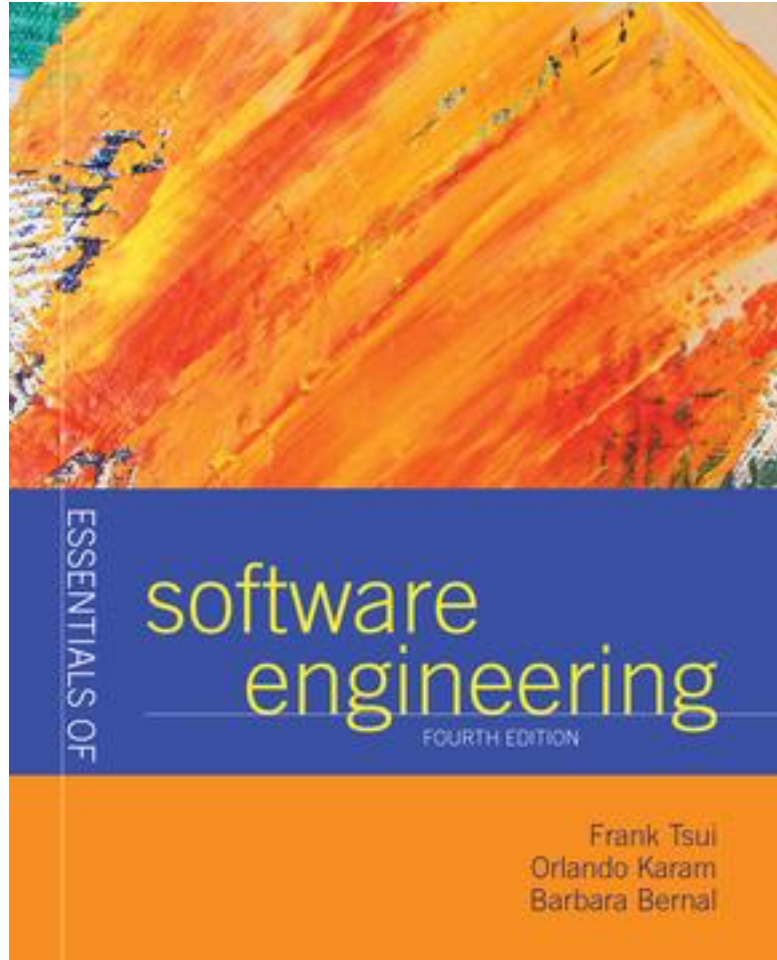
Ch. 9: Software Evolution

Ch. 18: Service-oriented Software Engineering

Ch. 22: Project Management

Ch. 23: Project Planning
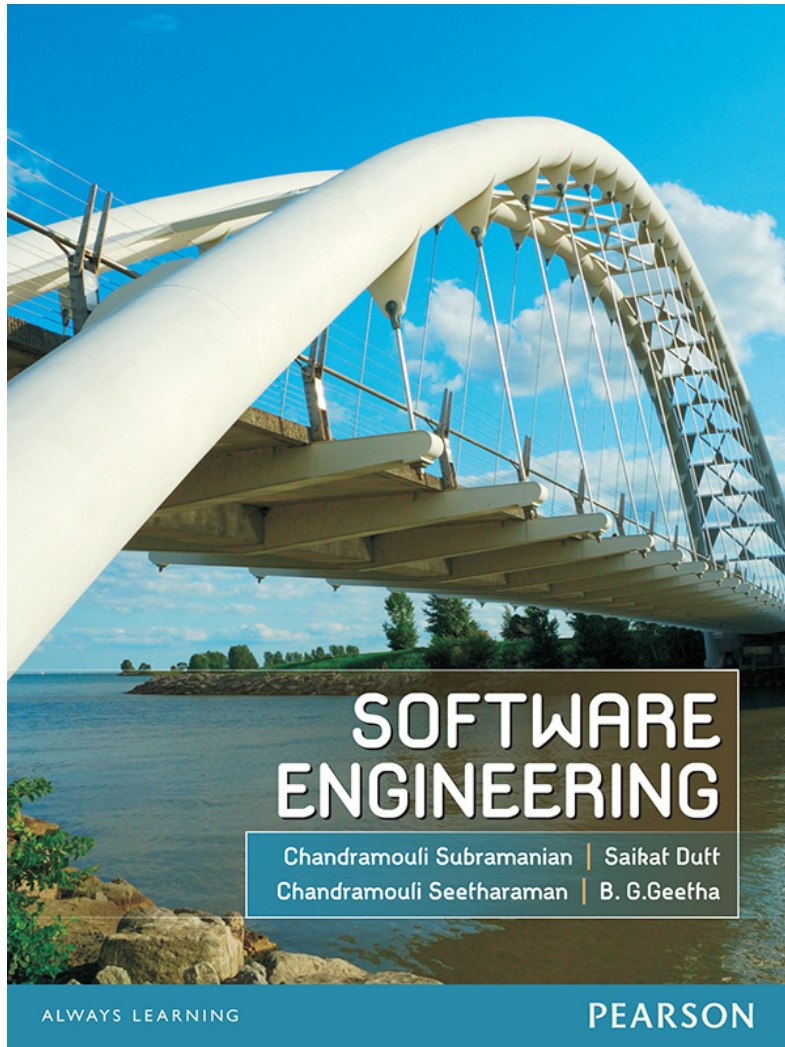
Ch. 25: Configuration Management

Recommended to **Buy**!

Software Engineering, I. Sommerville, 10 ed.: Pearson, 2015

Essentials of Software Engineering

Available Online for free!

Ch. 1: Writing a program
Ch. 2: Building a System
Ch. 3: Engineering of Software
Ch. 4: Software Process Models
Ch. 5: New and Emerging Methodologies (Agile)
Ch. 6: Requirements Engineering
Ch. 7: Design: Architecture and Methodology
Ch. 8.5: User Interface Design
Ch. 9: Implementation
Ch. 10: Testing and Quality Assurance
Ch. 11: Configuration Management, Integration and Builds
Ch. 12: Software Support and Maintenance
Ch. 13: Software Project Management

Appx A: Software Development Plan (SDP)
Appx B: Software Requirements Specifications (SRS)
Appx C: Software Design (SDD)
Appx D: Software Test Plan (STP)

https://learning.oreilly.com/library/view/essentials-of-software/9781284106077/

Software Engineering

Available Online for free!

Saikat, Dutt, et al. (2015). *Software Engineering*. Pearson.

O'Reilly For Higher Education (Safari Books Online)

- Hundreds of Free eBooks for USN students
- https://bibliotek.usn.no/databaser-og-fagressurser/o-reilly-for-higher-education-tidl-safari-books-online-article193116-7081.html

Web Programming – ASP.NET Core

In the Project we will use a Web Development Framework called "ASP.NET".

In ASP.NET Web Development you combine C#, HTML, CSS and JavaScript in order to create Web Applications

"ASP.NET Core" is a Cross-platform Framework

Web Programming ASP.NET Core

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https://www.halvorsen.blog

Available Online!
(Free)

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