



Software Engineering - CSE456 Second Semester 2014

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1. Course Schedule (subject to modifications)

Week #	Topic
1	Introduction to Software Engineering
2	System Engineering
	Software Process (self-study)
3	Agile and Extreme Programming
4	Project management
5	Use Case Modeling
6	Software Testing
7	Software Quality Management
8	Software Cost Estimation
9	Configuration Management (self-study)

RECOMMENDED TEXT BOOKS

Important Note: No single text book will be adopted. You must take your own notes.

1. **Ian Sommerville: Software Engineering, 7th edition, Addison-Wesley, 2004.**
2. **Roger Pressman: Software Engineering, McGraw-Hill, 2005.**
(You may find slides of Roger Pressman's book by [clicking here](#))
3. **Larman C.: Applying UML and Patterns – An Introduction to Object-Oriented Analysis and Design and Iterative development, 3rd edition, Prentice Hall, 2005.**
(You may find slides of Larman's book by [clicking here](#))

Internet Resources

- **In general, you are encouraged to use internet resources related to topics of study.**
Many course recourses are available on the internet, this include slides, exercises, templates, and project plan and deliverables.

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