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Lectures

The information on this page pertaining to lectures may change without notice. Therefore, please check frequently. Any changes to dates and deadlines would be broadly publicized, but are not to be expected.

Key course dates and deadlines are summarized on the page about Schedule and dates.

Slides and other material are made available in the below linked repository.
Slide repository

Week	Date	Lecture or event	Description	Material
Week1:	Monday, Jan 6th	Design lecture	Welcome, introductions, class organization, and project overview.	**Required:** Syllabus, especially The Software Project **Recommended**: Chapter 13. Complexity As Simple As Possible, but No Simpler, Chapter 15. Tools The Tactics of Development amd Chapter 16. Reuse: Do Not Re-invent the Wheel
	Wednesday, Jan. 9th	Design lecture	Milestone 1 overview, command-line shell, logging, code reading, and versioning and concurrent development with SVN	**Required**: The Software Project, Milestone 1 Handout, and Chapter 2 of SVN Book **Recommended**: Basics of the Unix Philosophy, Chapter 4. Modularity Keeping It Clean, Keeping It Simple and Project Skeleton Code **Recommended:** (not covered in the lecture, but covered on-demand in labs/tech talks): Eclipse.org (browse the web site, look for CDT and for Subclipse) Eclipse Demo Video

Week 2**:**	Monday, Jan. 13th	Design lecture	TBD	TBD
	Wednesday, Jan. 15th	Communications lecture	Communications overview	**Required**: *Engineering Communication: From Principles to Practice,* Chapter 1, pp.15-24
Deadline	**Friday, Jan 17th, 5 PM**	**Team selection**		**Link to team slection page**
Week 3**:**	Monday, Jan. 20th	Communications lecture	Writing introduction	**Required**: *Engineering Communication: From Principles to Practice,* Chapter 2, pp.74-75; pp.83-90
:	Wednesday, Jan. 22nd	Question and answer lecture with TAs	Q & A about Milestone 1: **Students are encouraged to submit questions beforehand.**	Students may ask detailed questions during lecture about Milestone 1. **Link for submitting questions was sent by email on Monday, 21st of January.**
Deadline	Friday, Jan. 24th	Deadline	Code Milestone 1 due	
Week 4	Monday, Jan. 27th	Communication lecture	Revisions and use cases	**Required**:*Engineering Communication: From Principles to Practice,* Chapter 2, pp.55-68
	Wednesday, Jan. 29th	Design lecture	Milestone 2 overview, remarks on design, Scrum	**Required**: **To be linked.**
Week 5	Monday, Feb. 3rd	Design lecture	Network programming basics	**Required**: Beej's Guide to Network Programming Using Internet Sockets (Read: Sections 2, 3, 5; focus on IPv4 material.) and Project Skeleton Code (try to find the code that has something to do with networking) **Recommended**: Chapter 5. Textuality
	Wednesday, Feb. 5th	Communications lecture	Concise writing and bug reporting	**Required**: *Engineering Communication: From Principles to Practice,* Chapter Chapter 3,pp.102-105
Deadline	Sunday, Feb. 10th	Deadline	Design document: Basic storage server	

			due	
Week 6	Monday, Feb. 10th	Question and answer session with TAs	Q & A about Milestone 2. **Students are encouraged to submit questions beforehand.**	Students may ask detailed questions during lecture about Milestone 2.
	Wednesday, Feb. 12th	Communications lecture	Midterm instructions	**Required**: *Midterm instructions* and *Engineering Communication: From Principles to Practice,* Chapter 9
Deadline	Friday, Feb. 14th	Deadline	Code Milestone 2 due, including performance evaluation (to be submitted with code **and** on turnitin.com)	
	Reading Week: 17th/18th-21st	No lecture, no labs, no tutorials		
Week 7	Monday, Feb. 24th & Wednesday, Feb 26th	No lectures	No lectures due to midterm this week	**Required:** *Midterm instructions* and *Engineering Communication: From Principles to Practice,* Chapter 9
Exam	Monday, Feb. 24th (4-7 PM)	Software Demonstration	Software Demonstration	Midterm Demo in Lab (cf. Midterm description & schedule)
Exam	Wednesday, Feb. 26th (1-4 PM)	Software Demonstration	Software Demonstration	Midterm Demo in Lab (cf. Midterm description & schedule)
Exam	Wednesday, Feb. 26th (4-7 PM)	Software Demonstration	Software Demonstration	Midterm Demo in Lab (cf. Midterm description & schedule)
Exam	Thursday, Feb. 27th (3-6 PM)	Software Demonstration	Software Demonstration	Midterm Demo in Lab (cf. Midterm description & schedule)

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