

## CS 666 Class Schedule for Spring 2018

January 17: Lecture 1 (Class Guidelines & Chapter 1 “Characterization of Distributed Systems”)

January 22: Lecture 2 (Chapter 2 “System Models”)

January 24: Lecture 3 (Chapter 4&6 “Interprocess Communication”)

January 29: Lecture 4 (“How to conduct research in computer science? [Part 1]”)

January 31: Lecture 5 (“How to conduct research in computer science? [Part 2]”)

February 5: Lecture 6 (“How to conduct research in computer science? [Part 3]”)

February 7: Lecture 7 (Chapter 5&8 “Distributed Objects and Remote Invocation”)

February 12: Lecture 8 (Chapter 5&12 “Events and Distributed File Systems”, Part 1)

February 14: Lecture 9 (Chapter 12 “Distributed File Systems”, Part 2)

February 19: Lecture 10 (A sample research project)

February 21: Lecture 10 (Chapter 10 “Peer-to-Peer Systems”)

February 26: Lecture 11 (Chapter 14 “Time and Global State” [Part 1])

February 28: Lecture 12 (Chapter 14 “Time and Global State” [Part 2])

March 5: Lecture 13 (Chapter 15 “Coordination and Agreement” [Part 1])

March 7: Lecture 14 (Chapter 15 “Coordination and Agreement” [Part 2])

March 12: No class (Tao needs to attend NVMW 2018 workshop at UCSD)

March 14: Lecture 15 (Chapter 15 “Coordination and Agreement” [Part 3])

March 19: Lecture 16 (Chapter 15 “Coordination and Agreement” [Part 4])

March 21: Lecture 17 (Chapter 16 “Transactions and Concurrency Control” [Part 1])

April 2: Lecture 18 (Chapter 16 “Transactions and Concurrency Control” [Part 2])

April 4: Lecture 19 (Chapter 16 “Transactions and Concurrency Control” [Part 3])

April 9: Lecture 20 (“Preview for Midterm Exam”)

April 11: Lecture 21 (Chapter 17 “Distributed Transactions” [Part 1])

April 16: Lecture 22 (Chapter 17 “Distributed Transactions” [Part 2])

April 18: Midterm Exam (75 minutes in class)

April 23: Lecture 25 (Research Paper Writing 1: DLOOP: A Flash Translation Layer Exploiting Plane-Level Parallelism, grader Prashant Joshi will explain this sample paper)

April 25: Lecture 26 (Research Paper Writing 2: Dynamic Data Reallocation in Hybrid Disk Arrays, grader Prashant Joshi will explain this sample paper)

April 30: Group Presentations (Grader Prashant Joshi)