CS320: SW Engineering - Spring 2024 Schedule
(as of 1-24-2024, subject to change)

Weeks		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
15	**January**	**21** SEMESTER BREAK	**22** SEMESTER BREAK	**23** SEMESTER BREAK	**24** SEMESTER BREAK	**25**	**26** Course Overview, Dan Palmieri Prep Exam assigned	**27**
14	**Jan / Feb**	**28**	**29** Lecture 1: SW Engineering w/OOP and Agile, Course Calendar, Projects Prep Exam due (7:00am) (Marmoset)	**30**	**31** Lecture 2: HTML & CSS w/ChatGPT and self-learning Lab 1: HTML & CSS (assigned)	**1**	**2** Lecture 12: Version Control (Git) Git Lab: Part I (assigned)	**3**
13	**February**	**4** Lab 1: HTML & CSS Resume due Noon (Marmoset)	**5** Lecture 4: Web Applications Git Lab: Part I due (in class)	**6**	**7** Web Applications I Lab 2a: Web Applications (assigned)	**8**	**9** Web Applications II Web Applications Labs Review	**10** A02: Individual Project Proposal due Noon (Marmoset)
12		**11** A01: Team Project Proposal due Noon (Google Doc)	**12** Intro to Relational Databases, SQL, JDBC, ORM Labs	**13**	**14** Lecture 6: Development Processes (UD: Chapter 2)	**15**	**16** Lecture 7: Agile & Scrum (Agile Manifesto) (Scrum Guide) Examples	**17**
11		**18** Lab 2a: Web Applications due Noon (Marmoset)	**19** Lecture 8: Requirements (UD: Chapter 9) Requirements Exercise (in class)	**20**	**21** Lecture 8: Use Cases (UD: Chapter 9) Use Case Exercise (in class)	**22**	**23** Team Session: Team Project Use Cases (in class)	**24**
10	**Feb / Mar**	**25**	**26** A04: Individual MS1 Baseline Prototype	**27**	**28** Team Session: Textual Analysis (in class) A05: Team Use Cases due 7:00 am (Google Doc)	**29** Winter Break	**1** Winter Break	**2** Winter Break
9	**March**	**3** Winter Break	**4** Lecture 9 (via Zoom): UML Diagrams (UD: Chapter 3) Lecture 10: OO Analysis	**5**	**6** Team Session: Team MS1, Analysis & Design & Team Git set-up (in-class)	**7**	**8** Team Session: Team MS1, Analysis & Design & Team Git set-up (in-class)	**9**

Legend

BREAK	Lab or Assignment Due	Individual Project Milestone	Team Project Milestone	Take Home Exam Due

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Weeks	Month	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8	March	10	11 — A03: Team MS1 Minimal Working System	12	13 — Team Session: Team Project Analysis Model (UML - in class); A06: Team Domain Analysis and Design assigned	14	15 — Lecture 11: OO Design, OCP, LSP; Design Principles and Design Patterns	16
7	March	17	18 — A04: Individual MS2 50% Progresss	19 — A06: Team Domain Analysis and Design due Noon (Google Doc)	20 — Lecture 13: Relational Databases Lecture 14: DB Applications, JDBC; Lab 4: SQL (assigned); Lab05: JDBC (assigned)	21 — Lab 4: SQL due Noon (Marmoset)	22 — Lecture 15: ORM, Designing a Persistence Layer; Lab 6: ORM assigned	23 — Lab 5: JDBC due Noon (Marmoset)
6	March	24	25 — A03: Team MS2 50% Progress on Features	26 — A11: Team Project Midterm Peer Evals due Noon (Marmoset)	27 — SQL/JDBC/ORM Review & Labs (in class)	28	29 — Spring Break	30 — Spring Break
5	April/Mar	31 — Lab 6: ORM due Noon (Marmoset)	1 — Spring Break	2	3 — Lecture 16: Testing	4	5 — Lecture 17: Quality Assurance	6
4	April	7	8 — A04: Individual MS3 Final Project Demo	9 — A09: Individual Report due Noon (Marmoset)	10 — Library Example Project Analysis and Review; Take Home Exam (handed out)	11	12 — Work Ethic Lecture (sections 102 & 103); Take Home Exam (due in-class)	13
3	April	14	15 — Team Session (in class)	16	17 — Team Session (in class)	18	19 — Team Session (in class)	20
2	April	21	22 — A03: Team MS3 75% Working System (w/SQL DB)	23	24 — Team Session (in class)	25	26 — Team Session (in class)	27
1	May/Apr	28	29 — Team Session (in class)	30	1 — Team Session (in class)	2	3 — Team Session (in class) (Last Day of Classes)	4 — A08: Team Report due 7:00 am (Marmoset)
Final Presentation & Demo	May	5 — A10: Team Project Reflection due; A11: Team Project Final Self/Peer Evaluations due; both due Noon (Marmoset)	6 — FINAL EXAM PERIOD 101: 10:15 to 12:15; A08: Team Presentation and Demonstration (in class)	7	8 — FINAL EXAM PERIOD 102: 12:45 to 2:45; A08: Team Presentation and Demonstration (in class)	9	10	11