CS320: SW Engineering - Spring 2024 Schedule
(as of 2-20-2024, 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** Lecture 0: Course Overview Guest: Dan Palmieri — Prep Exam (assigned)	**27**
14	**Jan / Feb**	**28** Prep Exam due Mon, 1-29-24 before class -------> (Marmoset)	**29** Lecture 0: SW Enginering Intro Calendar, Projects — Lab 0: Using ChatGPT (assigned)	**30**	**31** Lecture 1: OOP & ChatGPT — Lecture 2: HTML & CSS, ChatGPT, and self-learning — Lab 1: HTML/CSS Resume (assigned)	**1**	**2** Project Intros — Lecture 12: Version Control I (Git) — Git Lab: Part I (assigned) — Lab 0: ChatGPT due 7:00am (Marmoset)	**3**
13	**February**	**4** Lab 1: HTML & CSS Resume due Noon (Marmoset)	**5** Review ChatPT and HTML/CSS Labs — Project Intros — Git Lab: Part I due (in class)	**6**	**7** Lecture 4: Web Applications — Lab 2a: Web Applications (assigned)	**8**	**9** Lecture 4: Web Applications II — Web Applications Labs Review	**10**
12		**11** A02: Individual Project Proposal due Noon (Marmoset)	**12** Intro to Relational Databases, SQL, JDBC, ORM Labs	**13** A01: Team Project Proposal due 7:00a, Wed, 2-14-24 --------->>>> (Marmoset)	**14** Lecture 6: SW Development Processes (UD: Chapter 2 — Lecture 7: Agile Process (Scrum Guide)	**15**	**16** Lecture 8: Requirements (UD: Chapter 9) — Requirements Exercise (in class)	**17**
11		**18** Lab 2a: Web Apps Lab02a due Mon, 2-19-24 for extra credit -------------->>>> (after sign-off) (Marmoset)	**19** Lecture 8: Use Cases (UD: Chapter 9) — Use Case Exercise (in class)	**20** Lab 2a: Web Apps Lab02a due Wed, 2-21-24 for full credit -------------->>>> (after sign-off) (Marmoset)	**21** Lecture 9: UML Diagrams (UD: Chapter 3) Lecture 10: OOA — Team Session Project Use Cases (in class)	**22**	**23** Team Session: Textual Analysis & UML (in class) — A05: Team Draft Use Cases due in-class (Google Doc)	**24**
10	**Feb / Mar**	**25** A05: Team Final Use Cases due Noon (Google Doc) (Marmoset PDF)	**26** Lecture 11: OO Design, OCP, LSP Design Principles & Design Patterns Team Session Design & UML A06: Problem Domain (assigned)	**27**	**28** A04: Individual MS1 Baseline Prototype	**29** Winter Break	**1** Winter Break	**2** Winter Break
9	**March**	**3** Winter Break	**4** Team Session: Team Analysis & Design Model — Team Git Set-Up — Team MS1 Prep (all in-class)	**5**	**6** Team Session: Team Analysis & Design Model — Team Git Set-Up — Team MS1 Prep (all in-class)	**7**	**8** Team Session: Team Analysis & Design Model — Team Git Set-Up — Team MS1 Prep (all in-class)	**9**

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

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Weeks		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8	March	**10** A06: Team Domain Analysis and Design due Noon (Google Doc) (Marmoset PDF)	**11** Team Session: Final Preparation for Milestone 1 (in-class)	**12**	**13** A03: Team MS1 Minimal Working System	**14**	**15** TBD	**16**
7	March	**17**	**18** A04: Individual MS2 50% Progresss	**19**	**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**
6	March	**24** Lab 5: JDBC due Noon (Marmoset)	**25** SQL/JDBC/ORM Review & Labs (in class)	**26**	**27** A03: Team MS2 50% Progress on Features	**28** A11: Team Project Midterm Peer Evals due Noon (Marmoset)	**29** Spring Break	**30** Spring Break
5	April/Mar	**31** Spring Break	**1** Spring Break	**2** Lab 6: ORM due Noon (Marmoset)	**3** Library Example Project Analysis and Review	**4**	**5** Library Example Project Analysis and Review	**6**
4	April	**7**	**8** A04: Individual MS3 Final Project Demo	**9** A09: Individual Report due 4-10-24 by 7:00a ----->>>>> (Marmoset)	**10** Lecture 16: Testing Lecture 17: Quality Assurance Take Home Exam (handed out)	**11**	**12** Work Ethic Lecture Take Home Exam (due in-class)	**13**
3	April	**14**	**15** Team Session (in class)	**16** (Marmoset)	**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 Noon (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 Section 101: 10:15a to 12:15p A08: Team Presentation and Demonstration (in class)	**7**	**8** FINAL EXAM PERIOD Section 102: 12:45p to 2:45p A08: Team Presentation and Demonstration (in class)	**9**	**10**	**11**