

| CS320: SW Engineering - Spring 2022 Schedule (as of 3-26-2022, subject to change) | | | | | | | | |
|--|-----------|---|--|---|--|---|---|-----------------|
| Weeks | | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 15 | January | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | | SEMESTER BREAK | SEMESTER BREAK | SEMESTER BREAK | SEMESTER BREAK | | Lecture 1: Course Overview, OOP | |
| 14 | Jan / Feb | 30 | 31 | 1 | 2 | 3 | 4 | 5 |
| | | | Lecture 2: HTML & CSS Lab 1: HTML & CSS (assigned) | | Lecture 12: Version Control (Git) Git Lab: Part I (assigned) | Lab 1: HTML & CSS due 7:00 am (Marmoset) | Lecture 4: Web Applications Git Lab: Part I due (in class) | |
| 13 | February | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | A02: Individual Project Proposal due 7:00 am (Marmoset) | Web Applications I Lab 2a: Web Applications (assigned) | | Web Applications II Web Applications Labs Review | | Lab 3: Git and Egit Part II (in class) | |
| 13 | | 14 | 15 | 16 | 17 | 18 | 19 | |
| A01: Team Project Proposal due 7:00 am (Google Doc) | | Lecture 6: Development Processes (UD: Chapter 2) | | Lecture 7: Agile & Scrum (Agile Manifesto) (Scrum Guide) | | Lecture 8: Requirements (UD: Chapter 9) Requirements Exercise (in class) | | |
| 20 | | 21 | 22 | 23 | 24 | 25 | 26 | |
| Lab 2a: Web Applications due 7:00 am (Marmoset) | | Lecture 8: Use Cases (UD: Chapter 9) Use Case Exercise (in class) | | Team Session: Team Project Use Cases (in class) | | Lecture 9: UML Diagrams (UD: Chapter 3) Lecture 10: OO Analysis | | |
| 10 | Feb / Mar | 27 | 28 | 1 | 2 | 3 | 4 | 5 |
| | | | A04: Individual MS1 Baseline Prototype | | Team Session: Textual Analysis (in class) A05: Team Use Cases due 7:00 am (Google Doc) | | Team Session: Team Project Analysis Model (UML) (in class) A06: Team Domain Analysis and Design assigned | |
| 9 | March | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | Team Session: Design & MS1 (in-class) | | Team Session: Design & MS1 (in-class) | WINTER BREAK | WINTER BREAK | WINTER BREAK |

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

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