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| **Week of** | **Lesson #** | **Assignments\*** | **Topic** |
| Aug 28 | 1, 2 |  | Course Intro. / Review |
| Sep 4 | 3, 4 | PP1 – ImageApp Arrays | SDLC, Recursion |
| Sep 11 | 5, 6 | IN1 – ArrayList | ADT, ADT List |
| Sep 18 | 7, 8 | PP2 – RecursionArrays | Linked List |
| Sep 25 | 9 | IN2 – Recursion | Linked List, **Exam 1** |
| Oct 2 | 11, 12 | PP3 – ImageApp Lists | Stacks |
| Oct 9 | 13, 14 | IN3 – List | Queues |
| Oct 16 | 15, 16 | None – Midterms 📝 | Algorithm Efficiency and Analysis |
| Oct 23\*\* | 17, 18 | PP4 – Algorithms WS | Trees, Binary Search Trees, (VIDEO) |
| Oct 30 | 18 | IN4 – Priority Queue | Review, **Exam 2** |
| Nov 6 | 20, 21 | IN5 – Dict | Table, Heap**,** 2-3 Tree |
| Nov 13 | 22, 23 | IN6 – CBT | Hash Table / Graphs |
| Nov 20 |  |  | **Thanksgiving Break (Thur)** |
| Nov 27 | 24, 25 | PP5 – Graph | Graphs |
| Dec 4 | 27 | IN7 – Hashing | **Exam 3** / Course Wrap-up |
| **Dec 11** |  | None – Finals 📝 | [**Final Exam**](https://www.sfasu.edu/registrar/final-exams-grades/final-exam-schedule)**s Wed 1-3 (MW class)** |
|  |  |  | [**Final Exam**](https://www.sfasu.edu/registrar/final-exams-grades/final-exam-schedule)**s Thur 8-10 (TR class)** |
| \* assignments are typically due 8:00 AM Friday of each week.  programinning jda | | | |
| \* PP – paired programming IN – individual | | | |
| \*\* Mon/Tues lecture this week will be provide via video link | | | |

Schedule (Tentative)