

BE 434/534 Spring 2025 Schedule

Scheduled Topics/Activities

- TPP = Tiny Python Projects by Ken Youens-Clark

Week 1 (1/15–1/17): Course Introduction and Setup, TPP: Getting Started

Week 2 (1/20–1/24): Writing your first python program, TPP: Ch1, HW0: 00_getting_started

Week 3 (1/27–1/31): Hello (Strings), HW1: 01_howdy, Quiz 1, TPP: Ch2

Week 4 (2/3–2/7) : Picnic (Lists), HW2: 02_divide, Quiz 2, TPP: Ch3

Week 5 (2/10–2/14) : Jump the Five (Dictionaries), HW3: 03_dna, Quiz 3, TPP: Ch4

Week 6 (2/17–2/21): Howler (Files), HW4: 04_revc, Quiz 4, TPP: Ch5

Week 7 (2/24–2/28): Words Count (Files, algorithms), HW5: 05_gc, Quiz 5, TPP: Ch6

Week 8 (3/3–3/7) : Apples and Bananas (Regular expressions, refactoring), HW6: 06_rna, Quiz 6, TPP: Ch8

Week 9 (3/10–3/14) : Spring Break!

Week 10 (3/17–3/21): Dial-a-Curse/Telephone/Ransom (Randomness), HW7: 07_syndna, Quiz 7, TPP: Ch9,10,12

Week 11 (3/24–3/28): Bottles of Beer/Twelve Days of Christmas (Algorithms), HW8: 08_common, Quiz 8, TPP: Ch11,13

Week 12 (3/25–3/31) : WOD (Parsing CVS files), HW9: 09_blastomatic, Quiz 9, TPP: Ch19

Week 13 (3/31–4/4) : Password (Randomness), HW10: 10_conserved, Quiz 10, TPP: Ch20

Week 14 (4/7–4/11): Tic-Tac-Toe (State), HW11: 11_run_length, Quiz 11, TPP: Ch21

Week 15 (4/14–4/18): Tic-Tac-Toe (Types), HW12: 12_seqmagique, Quiz 12, TPP: Ch22

Week 16–17 (4/21–5/7): Coding Projects

No Final!

