Realistic Schedule: Fall 2023
All readings are in Pugh's Real Mathematical Analysis, 2nd edition

Monday	Wednesday	Friday
	8/30 Welcome to Class! I.1	9/1 I.1, cont. **HW1** is due by 11:59pm
9/4 **Happy Labor Day!**	9/6 I.2 **HW2**	9/8 I.2, cont.
9/11 I.2, cont.	9/13 I.4 **HW3**	9/15 I.4, cont–II.1 (for connoisseurs: I.7)
9/18 II.1, cont.	9/20 II.1, cont. (I.4, cont?) **HW4**	9/22 II.1, cont. (I.4, cont?)
9/25 II.1–II.2	9/27 II.2–II.3 **HW5**	9/29 II.3, cont.
10/2 II.3, cont.	10/4 II.4	10/6 II.4, cont. **HW6**
10/9 **Happy Fall Break!**	10/11 II.4, cont.	10/13 II.5
10/16 II.5, cont. **Midterm Distributed**	10/18 **Midterm Due** **5pm**	10/20 II.6
10/23 II.6, cont.	10/25 II.7 **HW7**	10/27 II.7, cont.
10/30 II.8	11/1 III.2 Pathologies: 173-175, 186-189 **HW8**	11/3 III.3, Series
11/6 III.3, cont.	11/8 IV.1 **HW9**	11/10 IV.1, cont.
11/13 IV.1, cont.	11/15 IV.2 (and a hint of IV.3) (Unit sphere in C^0 isn't compact)	11/17 IV.2, cont. **HW10**
11/20 IV.4 Weierstrass Approximation Theorem	11/22 **Happy Thanksgiving!**	11/24 **Happy Thanksgiving!**
11/27 IV.7 Continuous, nowhere- differentiable functions	11/29 A space-filling curve Munkres' *Topology*	12/1 IV.7, cont. Baire's Theorem **HW11**
12/4 IV.7, cont. Baire's Theorem	12/6 IV.7, cont. Baire's Theorem	12/8 **Lastday!** **HW12**

The final exam will be given during the week of December 11