Math 378: Number Systems
Spring 2023 Schedule
MW 5:30 pm to 6:45 pm in Academic Hall 201
Text: Number Systems by Professors Wayne Aitken and Linda Holt

January 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23 Start of the Semester	24 First Class Introduction and Expectations	25	26 Chapter 1: The Peano Axioms	27	28
29	30	31 Chapter 1: The Peano Axioms				

February 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 **Chapter 1: The Peano Axioms**	3	4
5 Homework 1 due at 11:59 pm on Gradescope.	6	7 **Chapter 2: The Natural Numbers as an Ordered Set**	8	9 **Chapter 2: The Natural Numbers as an Ordered Set**	10	11
12 Homework 2 due at 11:59 pm on Gradescope.	13	14 **Quiz 1** **Chapter 3: Cardinality and Counting**	15	16 **Chapter 3: Cardinality and Counting**	17	18
19 Homework 3 due at 11:59 pm on Gradescope.	20	21 **Chapter 3: Cardinality and Counting** **Chapter 4: The Integers**	22	23 **Chapter 4: The Integers**	24	25
26	27	28 **Chapter 4: The Integers** **Chapter 5: Exploring the Integers**				

March 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 **Chapter 5: Exploring the Integers**	3	4
5 Homework 4 due at 11:59 pm on Gradescope.	6	7 **Quiz 2** **Chapter 5: Exploring the Integers**	8	9 **Chapter 5: Exploring the Integers** **Chapter 6: Modular Arithmetic**	10	11
12 Homework 5 due at 11:59 pm on Gradescope.	13	14 **Chapter 6: Modular Arithmetic**	15	16 **Chapter 6: Modular Arithmetic** **Chapter 7: The Rational Numbers**	17	18
19 **Spring Break**	20 **Spring Break**	21 **Spring Break**	22 **Spring Break**	23 **Spring Break**	24 **Spring Break**	25 **Spring Break**
26 Homework 6 due at 11:59 pm on Gradescope.	27	28 **Chapter 7: The Rational Numbers** **Chapter 8: Sequences and Limits**	29	30 **Chapter 8: Sequences and Limits**	31 **Cesar Chavez Day-Campus Closed**	

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2 Homework 7 due at 11:59 pm on Gradescope.	**3**	**4** **Quiz 3** **Chapter 8: Sequences and Limits**	**5**	**6** **Chapter 8: Sequences and Limits** **Chapter 9: Completeness and Continuity**	**7**	**8**
9 Homework 8 due at 11:59 pm on Gradescope.	**10**	**11** **Chapter 9: Completeness and Continuity**	**12**	**13** **Chapter 9: Completeness and Continuity** **Chapter 10: Constructing the Real Numbers**	**14**	**15**
16 Homework 9 due at 11:59 pm on Gradescope.	**17**	**18** **Chapter 10: Constructing the Real Numbers**	**19**	**20** **Chapter 10: Constructing the Real Numbers**	**21**	**22**
23	**24**	**25** **Quiz 4** **Chapter 11: Exploring the Real Numbers**	**26**	**27** **Chapter 11: Exploring the Real Numbers**	**28**	**29**
30 Homework 10 due at 11:59 pm on Gradescope.						

May 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Homework 10 due at 11:59 pm on Gradescope.	1	2 **Chapter 11: Exploring the Real Numbers** **Chapter 12: The Complex Numbers**	3	4 **Chapter 12: The Complex Numbers**	5	6
7 Homework 11 due at 11:59 pm on Gradescope.	8	9 **Chapter 12: The Complex Numbers** **Other Optional Topics**	10	11 **Chapter 12: The Complex Numbers** **Other Optional Topics**	12 Homework 12 due at 11:59 pm on Gradescope.	13
14	15	16 **Final Exam 8:30 pm to 10:30 pm in Academic Hall 201**	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Course Grading Scheme

Quiz 1	10%
Quiz 2	10%
Quiz 3	10%
Quiz 4	10%
Homework	35%
Final	25%