Math 378: Number Systems Spring 2024 Course Schedule

January 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Start of the semester	23 First Day of Class Introductions and expectations	24	25 Chapter 1: The Peano Axioms	26	27
28	29	30 Chapter 1: The Peano Axioms	31 Homework 0 Due			

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Chapter 1: The Peano Axioms	**2**	**3**
4	**5**	**6** Chapter 1: The Peano Axioms	**7**	**8** Chapter 2: The Natural Numbers as an Ordered Set	**9** Homework 1 Due	**10**
11	**12**	**13** Quiz 1 Chapter 2: The Natural Numbers as an Ordered Set	**14**	**15** Chapter 3: Cardinality and Counting SMIMIC Talk	**16**	**17**
18	**19**	**20** Chapter 3: Cardinality and Counting	**21** Homework 2 Due	**22** Chapter 4: The Integers SMIMIC Talk	**23**	**24**
25	**26**	**27** Chapter 4: The Integers	**28** Homework 3 Due	**29** Chapter 4: The Integers SMIMIC Talk		

March 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	**2**
3	**4**	**5** Chapter 5: Exploring the Integers	**6** Homework 4 Due	**7** Chapter 5: Exploring the Integers	**8**	**9**
10	**11**	**12** Quiz 2 Chapter 5: Exploring the Integers	**13**	**14** Chapter 6: Modular Arithmetic SMIMIC Talk	**15**	**16**
17 Spring Break!	**18** Spring Break!	**19** Spring Break!	**20** Spring Break!	**21** Spring Break!	**22** Spring Break!	**23** Spring Break!
24 Homework 5 Due	**25**	**26** Chapter 6: Modular Arithmetic	**27**	**28** Chapter 6: Modular Arithmetic SMIMIC Talk	**29**	**30**
31						

April 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Cesar Chavez Day	**2** Chapter 7: The Rational Numbers	**3** Homework 6 Due	**4** Chapter 7: The Rational Numbers SMIMIC Talk	**5**	**6**
7	**8**	**9** Chapter 8: Sequences and Limits	**10** Homework 7 Due	**11** Chapter 8: Sequences and Limits	**12**	**13**
14	**15**	**16** Chapter 8: Sequences and Limits	**17** Homework 8 Due	**18** Chapter 9: Completeness and Continuity	**19**	**20**
21	**22**	**23** Chapter 9: Completeness and Continuity Reid Lecture	**24** Homework 9 Due	**25** Chapter 10: Constructing the Real Numbers	**26**	**27**
28	**29**	**30** Quiz 3 Chapter 10: Constructing the Real Numbers				

May 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	**2** Chapter 11: Exploring the Real Numbers SMIMIC Talk	**3**	**4**
5 Homework 10 Due	**6**	**7** Chapter 11: Exploring the Real Numbers	**8**	**9** Last Day of Class Complex Numbers and Other Strange Friends	**10** Homework 11 Due	**11**
12	**13** Final Exam 6:15-8:15 pm in Commons 206	**14**	**15**	**16**	**17**	**18**