

Math 110: Critical Thinking Course Schedule Fall 2024



IT'S IN THE SYLLABUS

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August 2024						
◀ Jul 2024						Sep 2024 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26 Semester Starts	27 First Day of Class	28	29 Computing grades	30	31
		Introductions and expectations		Basic notions		
		What is critical thinking?		Math for Human Flourishing		
				Intro to Number Theory		

September 2024

◀ Aug 2024

Oct 2024 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Labor Day, campus closed	3 Intro to Number Theory: Ch. 1	4 Homework 0 due at 11:59pm on Gradescope	5 Intro to Number Theory: Ch. 1 <u>SMIMIC (San Marcos Informal Mathematics In-person Colloquium) in Commons 206</u>	6	7
8	9	10 Intro to Number Theory: Ch. 2	11 Homework 1 due at 11:59pm on Gradescope	12 Attend Conference or Watch Film K-16 Math for Careers Conference	13	14
15	16	17 Intro to Number Theory: Ch. 2	18 Homework 2 due at 11:59pm on Gradescope	19 Intro to Number Theory: Ch. 5 <u>SMIMIC in Commons 206</u>	20	21
22	23	24 Intro to Number Theory: Ch. 5 Quiz 1	25	26 Inductive and Deductive Reasoning <i>Whorf On the Connection of Ideas</i> Fallacies CRESE (STEM Education) Seminar	27	28
29	30					

October 2024

◀ Sep 2024


Nov 2024 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Theses and arguments	2 Homework 3 due at 11:59pm on Gradescope	3 Arguments and the Contrapositive <u>SMIMIC in Commons 206</u>	4	5
6	7	8 Formal Fallacies Descriptions as Groups Fallacies in the News	9	10 In-class writing: 'Mathematical Argument versus Conventional Argument' or 'A Political Issue That Matters to You,' Draft Thesis Read Weapons of Math Destruction over Weekend	11	12
13	14	15 Weapons of Math Destruction Reading of Weapons of Math Destruction assigned before class	16 Homework 4 due at 11:59pm on Gradescope	17 Algorithms of Oppression AI and Inequity <u>SMIMIC in Commons 206</u>	18	19
20	21	22 Mathematics for Human Flourishing Power Quiz 2	23	24 In-class writing <u>CRESE (STEM Education) Seminar</u>	25	26
27 First Essay Due at 11:59pm on Gradescope	28	29 Geometry with <i>Euclidean</i>	30	31 Geometry with <i>Elements</i> <u>SMIMIC in Commons 206</u> Halloween 		

◀ Oct 2024

November 2024

Dec 2024 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Día de los Muertos 	2
3	4	5 Geometry with <i>Elements</i> Election Day	6 Homework 5 due at 11:59pm on Gradescope	7 Geometry with <i>Elements</i> Plato's <i>Meno</i>	8	9
10	11 Veterans Day, campus closed	12 Geometry with <i>Elements</i> Number Theory with <i>Elements</i>	13 Homework 6 due at 11:59pm on Gradescope	14 Number Theory with <i>Elements</i> <u>SMIMIC in Commons 206</u>	15	16
17	18	19 Number Theory with <i>Elements</i> Quiz 3	20	21 Mathematics for Human Flourishing, Truth Plato's <i>Allegory of the Cave</i> <u>CRESE (STEM Education) Seminar</u>	22	23
24	25	26 Plato's <i>Meno</i> Descartes <i>Discourse on Method</i> Frege <i>On Sense and Reference</i>	27	28 Thanksgiving Holiday, campus closed. No class.	29 Thanksgiving Holiday, campus closed. No class.	30

December 2024						
◀ Nov 2024						Jan 2025 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 The Declaration of Independence	4 Homework 7 due at 11:59pm on Gradescope	5 Last Class A Big View of Mathematics In-class Writing	6	7
8	9	10	11	12 Final Essay Due	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Grading Scheme

Assignment	Percentage of Final Grade
Homeworks	40%
Essay 1	15%
Quizzes	24%
Final Essay	21%