

Math 1303 - Math in the Liberal Arts

Fall 2020 - Schedule

updated November 20, 2020 at 18:58

Class	Day	Section	Title	Problems
1	2020.08.17	3.1	Statements and Logical Connectives	7, 13, 15, 19, 21, 25, 29, 31, 35, 39, 41, 47, 67, 69, 81
2	2020.08.19	3.1	Statements and Logical Connectives (cont...)	
3	2020.08.21	3.2	Truth Tables for Negation, Conjunction, and Disjunction	5, 11, 17, 21, 25, 29, 33, 35, 41, 43, 49, 51, 61, 63
4	2020.08.24	3.2	Truth Tables for Negation, Conjunction, and Disjunction (cont...)	
		3.3	Truth Tables for the Conditional and Biconditional	4, 5, 6, 7, 11, 15, 19, 23, 27, 29, 51, 53, 57, 65, 69
5	2020.08.26	3.4	Equivalent Statements	9, 13, 17, 23, 25, 29, 33, 39, 41, 51, 55, 67, 75
6	2020.08.28	3.4	Equivalent Statements (cont...)	
		3.5	Symbolic Arguments	7, 9, 11, 13, 19, 25, 31, 35, 41, 53, 63
7	2020.08.31	3.5	Symbolic Arguments (cont...)	
8	2020.09.02	3.6	Euler Diagrams and Syllogistic Arguments	4, 5, 6, 13, 19, 23
9	2020.09.04		Chapter 3 Review	
10	2020.09.09		Chapter 3 Exam	
11	2020.09.11	2.1	Set Concepts	11, 15, 19, 21, 25, 27, 33, 39, 41, 47, 51, 53, 65, 71, 73
12	2020.09.14	2.2	Subsets	5, 9, 15, 21, 25, 31, 35, 39, 41, 47, 51, 55, 59
13	2020.09.16	2.3	Venn Diagrams and Set Operations	9, 15, 17, 19, 25, 27, 31, 33, 39, 43, 47, 49, 55, 61, 81, 87
14	2020.09.18	2.3	Venn Diagrams and Set Operations (cont...)	
15	2020.09.21	2.4	Venn Diagrams with Three Sets and Verification of Equality of Sets	5, 13, 39, 47, 51, 55, 59, 63, 65, 71
16	2020.09.23	2.4	Venn Diagrams with Three Sets and Verification of Equality of Sets (cont...)	
17	2020.09.25	2.5	Applications of Sets	5, 9, 11, 13
18	2020.09.28		Chapter 2 Review	
19	2020.09.30		Chapter 2 Exam	
20	2020.10.02	5.1	Number Theory	11, 17, 23, 27, 39, 41, 45, 55, 61, 65
21	2020.10.05	5.1	Number Theory (cont...)	
22	2020.10.07	5.2	The Integers	5, 7, 13, 17, 21, 27, 33, 37, 47, 51, 55, 59, 61, 65
23	2020.10.09	5.3	The Rational Numbers	11, 17, 33, 39, 45, 47, 51, 55, 91, 95
24	2020.10.12	5.3	The Rational Numbers (cont...)	
25	2020.10.14	5.3	The Rational Numbers (cont...)	
26	2020.10.16	5.4	The Irrational Numbers	9, 13, 19, 23, 27, 33, 39, 41, 45, 51, 57, 77

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Class	Day	Section	Title	Problems
27	2020.10.19	5.5	Real Numbers and Their Properties	9-28 all, 35, 65, 67, 71
28	2020.10.21	5.5	Real Numbers and Their Properties (cont...)	
		5.6	Rules of Exponents and Scientific Notation	7, 11, 19, 23, 31, 33, 39, 43, 49, 51, 61, 65, 77
29	2020.10.23	5.6	Rules of Exponents and Scientific Notation (cont...)	
30	2020.10.26	5.7	Arithmetic and Geometric Sequences	7, 11, 17, 19, 23, 25, 29, 37, 41, 43, 47, 51, 53
31	2020.10.28	5.7	Arithmetic and Geometric Sequences (cont...)	
		5.8	Fibonacci Sequence	
32	2020.11.02		Chapter 5 Review	
33	2020.11.04		Chapter 5 Exam	
34	2020.11.06	8.1	Points, Lines, Planes, and Angles	11, 17, 19, 27, 31, 39, 45, 49, 55, 71, 77
35	2020.11.09	8.1	Points, Lines, Planes, and Angles (cont...)	
36	2020.11.11	8.1	Points, Lines, Planes, and Angles (cont...)	
		8.2	Polygons	7, 11, 17, 21, 23, 27, 31, 33, 47, 51, 71
37	2020.11.13	8.2	Polygons (cont...)	
		8.3	Perimeter and Area	5, 7, 11, 13, 15, 17, 21, 27, 31, 41, 47
38	2020.11.16	8.3	Perimeter and Area (cont...)	
39	2020.11.18	8.4	Volume and Surface Area	7, 11, 15, 16, 17, 21, 23, 31, 35, 39
40	2020.11.20		<i>Discuss rest of the semester</i>	
41	2020.11.30	8.5	Transformational Geometry, Symmetry, and Tessellations	9, 11, 15, 23, 31, 41
42	2020.12.02	8.6	Topology	7, 10, 13, 21, 25, 33
43	2020.12.04	8.7	Non-Euclidean Geometry and Fractal Geometry	11, 13
44	2020.12.09		Chapter 8 Exam (Final exam time, 11:00-13:00)	