

Tentative Schedule for Math 101 Fall 2018 – Monday/Wednesday Class – Section 6063

Week	Monday	Wednesday
1	8/27 Introduction to Graph Theory 13.1 and Handouts	8/29 Eulerian Circuits and Trails 13.2 and Handouts
2	9/3 <i>Labor Day Holiday</i>	9/5 Hamiltonian Paths, Circuits & Complete Graphs 13.3 and Handouts (Last day to choose a mathematician)
3	9/10 Networks and Trees 13.4 and Handouts	9/12 Angles and Tessellations Handouts
4	9/17 Dimension REVIEW for TEST 1 Handouts	9/19 TEST 1 Graph Theory and Geometry
5	9/24 Fractal Introduction Dimension and Counting Handouts	9/26 Fractal Perimeter & Area Handouts
6	10/1 Non-Linear Fractals & Fractal Overview Handouts	10/3 Number Theory (Systems) 4.1-4.2 and Handouts DUE: Mathematician Project Handout (page 1)
7	10/8 Number Theory: Counting and Conversions 4.3 and Handout	10/10 Number Theory: Computation 4.4
8	10/15 Prime Numbers 5.1 and Handout	10/17 Fibonacci Numbers & Logical Reasoning 5.8, 1.1 and Handouts
9	10/22 Logical Reasoning and Problem Solving REVIEW for TEST 2 1.1 and Handouts	10/24 TEST 2 Fractal Geometry and Number Theory <i>(Continue working on Problem Solving handouts)</i>
10	10/29 Set Theory Foundations 2.1 & 2.2 (WARNING – lots of problems in HW!) <i>(Continue working on Problem Solving handouts)</i>	10/31 Venn Diagrams 2.3 DUE: Mathematician Project Handout (outline)
11	11/5 Equality and Application of Sets 2.4-2.5 <i>(Continue working on Problem Solving handouts)</i>	11/7 Infinite Sets 2.6 and Handouts <i>(Continue working on Problem Solving handouts)</i>
12	11/12 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>	11/14 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>
13	11/19 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>	11/21 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>
14	11/26 Symbolic Logic 3.1	11/28 Symbolic Logic 3.2-3.3
15	12/3 Symbolic Logic 3.4-3.5	12/5 Catch up & REVIEW for FINAL EXAM
Fin.*	FINAL EXAM Monday, December 10, 10:00am-12:50pm	

*During finals week regular classes and office hours are not held. You study and go to finals, but there are no classes to attend. Since office hours are not held, be sure to get your questions answered before this week.