

Tentative Schedule for Math 101 Fall 2018 – Tuesday/Thursday Class – Section 5440

Week	Tuesday	Thursday
1	8/28 Introduction to Graph Theory 13.1 and Handouts	8/30 Eulerian Circuits and Trails 13.2 and Handouts
2	9/4 Hamiltonian Paths, Circuits & Complete Graphs 13.3 and Handouts	9/6 Networks and Trees 13.4 and Handouts (Last day to choose a mathematician)
3	9/11 Angles and Tessellations Handouts	9/13 Dimension: 4D and Fractal (w/ Intro) Handouts
4	9/18 Fractal Geometry Intro (Counting) REVIEW for TEST 1 Handouts	9/20 TEST 1 Graph Theory and Geometry
5	9/25 Fractal Perimeter & Area Handouts	9/27 Non-Linear Fractals & Fractal Overview Handouts
6	10/2 Number Theory (Systems) 4.1-4.2 and Handouts	10/4 Number Theory: Counting and Conversions 4.3 and Handout DUE: Mathematician Project Handout (page 1)
7	10/9 Number Theory: Computation 4.4	10/11 Prime Numbers 5.1 and Handout
8	10/16 Fibonacci Numbers & Logical Reasoning 5.8, 1.1 and Handouts	10/18 Logical Reasoning and Problem Solving 1.1 and Handouts
9	10/23 Set Theory Foundations REVIEW for TEST 2 2.1 & 2.2 (WARNING – lots of problems in HW!)	10/25 TEST 2 Fractal Geometry and Number Theory <i>(Continue working on Problem Solving handouts)</i>
10	10/30 Venn Diagrams 2.3 <i>(Continue working on Problem Solving handouts)</i>	11/1 Equality and Application of Sets 2.4-2.5 DUE: Mathematician Project Handout (outline)
11	11/6 Infinite Sets 2.6 and Handouts <i>(Continue working on Problem Solving handouts)</i>	11/8 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>
12	11/13 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>	11/15 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>
13	11/20 HISTORY PRESENTATIONS <i>(Continue working on Problem Solving handouts)</i>	11/22 THANKSGIVING HOLIDAY
14	11/27 Symbolic Logic 3.1	11/29 Symbolic Logic 3.2-3.3
15	12/4 Symbolic Logic 3.4-3.5	12/6 Catch up & REVIEW for FINAL EXAM
Fin.*	FINAL EXAM Tuesday, December 11, 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.