Course Syllabus: **Problem Solving and Discrete Math**
College of Science, Mathematics and Engineering
MATH 3004
Fall 2020

Suggested Homework Problems
Section 2.1: 1, 2, 3, 5, 6, 8, 12, 14, 16, 17, 18, 19, 20, 21, 23, 24, 29, 30, 32, 35, 41, and 42.
Section 2.2: 2, 5, 6, 9, 10, 13, 17, 18, 20, 22, 23, 24, 30, 38, 40, and 44.
Section 2.3: 1, 3, 4, 6, 7, 8, 16, 17, 19, 24, 25, 26, 27, 33, 34, 41, and 42.

Section 3.1: 1, 2, 3, 6, 9, 11, 12, 13, 14, 18, 21, 23, 26, and 28.
Section 3.2: 1, 3, 4, 9, 11, 12, 13, 15, 19, 20, 24, 29, 38, and 42.
Section 3.4: 1, 2, 4, 5, 7, 8, 9, 10, 12, 16, 21, 24, and 25.

Section 4.1: 1, 2, 4, 6, 9, 11, 12, 14, 17, 20, 24, 25, 30, 31, 34, 35, 39, 40, 41, and 42.
Section 4.2: 1, 3, 5, 6, 9, 11, 13, 14, 17, 18, 21, 24, 33, 35, 36, 37, 38, and 39.
Section 4.3: 5, 6, 8, 10, 12, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 38 and 39.
Section 4.4: 2, 4, 6, 7, 9, 17, 19, 21, 27, 32, 36, 38, and 40.
Section 4.5: 3, 4, 5, 10, 12, 14, 18, 19, 21, 23, and 25.
Section 4.6: 3, 4, 5, 6, 7, 8, 9, 13, 19, and 23.

Section 5.1: 1, 2, 3, 4, 6, 7, 8, 10, 13, 14, 15, 16, 17, 18, 22, 24, 28, 29, 30, 31, 37, 38, 40, 44, 47, 57, 58, 61, 68, 71, 72, and 73.
Section 5.2: 3, 4, 6, 8, 9, 10, 12, 14, 16, 20, 24, 25, and 27.
Section 5.3: 1, 3, 7, 9, 10, 11, 14, 26, and 27.

Section 6.1: 3, 4, 6, 8, 9, 10, 14, 15, 19, 20, 27, 30, 31, and 34.
Section 6.2: 5, 7, 10, 11, 14, 17, 18, 25, 26, 30, and 32.