

# MAT244H5F – Differential Equations I

FALL 2018

## PRACTICE PROBLEMS

These problems & examples are meant for practice purposes only. Please do **not** turn them in. The problems are selected from the textbook and have answers at the end of the book. The examples have complete solutions in the book.

**1.2:** Problems 3, 4

**1.3:** Examples 4, 6; Problems 4, 8, 14, 15, 29

**1.4:** Problems 2, 25

**1.5:** Examples 1, 2; Problems 2, 5, 15, 31, 32

**1.6:** Examples 1, 4, 8, 9; Problems 23, 31, 35

**2.1:** Example 7, Problem 9

**2.2:** Problems 3, 14, 29

**2.4:** Example 1

**3.1:** Examples 1, 2, 5, 6, 7; Problems 10, 12, 29, 34

**3.2:** Problems 16, 17, 18

**3.3:** Examples 1, 4, 5, 7; Problems 6, 18, 21

**3.5:** Examples 1, 2, 3, 4, 6, 9; Problems 21, 22