

## MATE 3031 topics and practice problems

19/ 2/ 2018 Exercises of §2.2, 2.3.

26/ 2 Exercises of §2.5.

28/ 2 Exercises of §2.6.

2/ 3 Definition of rate of change.

9/ 3 Exercises of §2.7, §2.8.

14/ 3 Exercises of §3.1.

16/ 3 Exercises of §3.2.

19/ 3 Derivation of the limit and derivative formulæ of §3.3. Exercises of the same section.

21/ 3 Section 3.4 and exercises.

28/ 3 Section 3.5 and exercises.

2/ 4 §3.6 and exercises. The number  $e$  as limit.

4/ 4 First part of §3.9.

9/ 4 Remainder of 3.9, §3.10.

12/ 4 Section 011: topics and exercises of §4.1.

20/ 4 §4.1, §4.2 (mean-value theorem).

25/ 4 §4.3.

30/ 4 Section 011: §4.4.

2/ 5 Section 080: §4.4.

4/ 5 Section 011: §4.5.

9/ 5 Sections 4.5, 4.9.

11/ 5 §5.1.

16/ 5 §5.2.

21/ 5 §5.3, 5.4.

25/ 5 §5.5, 4.7, 6.1.