

**Differential Equations with Applications**  
**MATH 4512**

**Instructor: Bernardo Cockburn. Office: Vincent Hall 327**

Fall 2017 schedule: MWF 10:10-11:00, Ford Hall B 80

**Homeworks:**

# 1: Problems 2 from §1.4, 11 from §1.7, 12 from §1.8 and 4 from §1.10. Each problem is 5 points.

# 2: Problems 6 from §2.2, 6 from §2.2.1, 6 from §2.2.2, 6 from §2.4, and 1 from §2.6. Each problem is 4 points.

# 3: Problems 12 from §3.8, 3 from §3.9, 3 from §3.10, 7 from §3.11, and 4 from §3.12. Each problem is 4 points.

# 4: Problems 3 from §4.3, 5 from §4.4, 10 and 13 from §4.7. Each problem is 5 points.