MATH 215 – Elementary Differential Equations I
MATH 255 – Ordinary Differential Equations
Session 2018W, Term 2 (Jan–Apr 2019)
Course Outline

Textbook: Jiří Ledl: *Notes on Diffy Qs*, `https://www.jirka.org/diffyqs/`

Topics:

- First order ODEs (Chapter 1, approximately 6 lectures)

- Higher order linear ODEs (Chapter 2, approximately 9 lectures)

- Systems of ODEs (Chapter 3)

- Nonlinear systems (Chapter 8)

- The Laplace transform (Chapter 6)

- More numerical methods (if time permits)