Department of Electrical Engineering
University of Cape Town

EEE235F – Signals and Systems I

http://www.dip.ee.uct.ac.za/~nicolls/lectures/eee235f

Snape LT1

Mon, Thu, Fri (12:00-12:45)

Course information

- Lectured by:
  - Dr. Fred Nicolls
  - Room 6.11, Menzies building
  - Email: fnicolls@eng.uct.ac.za
- Teaching assistant:
  - Jean-Claude Malengret
- Possible tutorials as required

Textbook

- Edward Kamen and Bonnie Heck, Fundamentals of Signals and Systems Using the Web and Matlab, Second Edition, Prentice Hall, 2000

http://users.ece.gatech.edu/~bonnie/book/

Learning objectives

- Aim: to provide students with the basic tools for understanding linear systems
- Outcomes: upon completion, students will be able to characterise and manipulate linear time-invariant, using both time and frequency domain methods.
- Content: concepts related to representing signals and systems, linear convolution, Fourier decompositions and transforms, and sampling of continuous-time signals

Assessment

- Homework problem sets: 10%
- Two class tests: 30%
- June exam (2 hours): 60%