EBU5375 Signals and Systems: 
Introduction

Queen Mary 
University of London
Lecturers

Dr Maged Elkashlan
maged.elkashlan@qmul.ac.uk
Weeks 1 & 2

Dr Jesús Requena Carrión
j.requena@qmul.ac.uk
Weeks 3 & 4
Module Organiser
The main topics covered by this course are organised as follows:

- Week 1: Signals and systems in the time domain.
- Week 2: Continuous-time signals in the frequency domain.
- Week 3: Discrete-time signals in the frequency domain.
- Week 4: Sampling theory and communication systems.
Recommended textbooks

- Signals and Systems For Dummies, Mark Wickert, ISBN 978-1118475812
Prerequisite knowledge

- Complex numbers
- Graphing and functions (trigonometric, exponentials)
- Series
- Integration
Assessment

- Exam: 75%
- Class test and final assignment: 12.5%
- Lab work: 12.5%
Timetable

**Weeks 4, 7, 11 and 14**
- 2 hours lectures on Mon, Tue, Wed, Thu (TB2-327)
- 1 hour lab session on Friday (TB1-528)
  - 2016215117-18 → 13:30-14:30
  - 2016215119-20 → 14:30-15:30
  - 2016215121-22 → 15:30-16:30

**Weeks 6, 9 and 13**
- 2 hours tutorials with demonstrators (date to be confirmed)

**Week 10**
- Class test (date to be confirmed)