

Examination Feedback for EEE101 – Circuits and Signals 1
Autumn Semester 2008-09

Feedback for EEE101 Session:2008-2009

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

A fair number of students missed out on relatively easy marks for definitions etc. Some students had the right approach but were unable to conclude the calculations or mathematical analysis.

Question 1:

(a) and b were reasonably well done but some did not use Krichhoff's laws in the solution as required. In (c) students fell down by not carefully defining the voltages calculated (including sign) and summing algebraically.

Question 2:

A significant number of students had difficulty in handling phasors. Complex number manipulation (c) also proved difficult for some students.

Question 3:

In (a), some students lacked a basic understanding of the physical concept of capacitance. In (b) some students showed that they could not handle transient circuits that they were unfamiliar with. Manipulation of j-notation was a problem for some in (c).

Question 4:

(a) and (b) were straightforward bookwork but these was generally done badly. A lot of arithmetic mistakes was a feature of (c).